

CARDIGANSHIRE COUNTY COUNCIL



ANNUAL REPORT of the COUNTY MEDICAL OFFICER and PRINCIPAL SCHOOL MEDICAL OFFICER for the year 1971

I. MORGAN WATKIN, Ph.D. (Lond.), M.Sc., M.B., B.Ch., D.P.H (Wales)
County Medical Officer,
Principal School Medical Officer.

SWYDDFA'R SIR,
COUNTY OFFICE,
ABERYSTWYTH

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(STD CODE 0970)

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CARDIGANSHIRE COUNTY COUNCIL.

Chairmen—

Alderman ISAAC R. JENKINS, 1970-71
Alderman H. H. ROBERTS, J.P., 1971-72

HEALTH COMMITTEE—

(as from May 1970)

Chairman—Alderman the Rev. T. PUGH JARMAN

and thirty-three Members of the Council plus one representative from each of the following Committees :

Mid-Wales H.M.C., South West Wales H.M.C., Local Medical Committee together with the Chairman of the Cardiganshire Health Executive Council.

COUNTY EDUCATION COMMITTEE—

Chairman 1961-72—Alderman W. M. DAVIES, J.P.
plus all Members of the County Council and 10 co-opted members

There is no School Health Sub-Committee as such and all health questions are considered by the appropriate sub-committees of the Education Committee.

Health Officers of the Authority.

County Medical Officer and Principal School Medical Officer ...	I. MORGAN WATKIN, PH.D. (Lond.), M.Sc., M.B., B.Ch., D.P.H. (Wales).
Deputy County Medical Officer and Deputy Principal School Medical Officer	BERYL IRENE EVANS THOMAS, M.B., B.Ch. (Wales). D.C.H. (Eng) ; D.P.H. (Lond.)
Senior Medical Officers	W. J. ST. ERVYL-GLYNDWR RHYS, M.A. (Cantab.), B.Sc. (Wales), M.B., B.S. (Lond.), M.R.C.O.G., D.P.H. (Wales) ANN RHYS, M.B., B.Ch. (Wales), D.P.M. (Wales) ANN CATHERINE BUTLER, M.B., B.S. (Lond.), M.R.C.S., L.R.C.P. (Lond.), D.C.H. (Lond).
Principal School Dental Officer ...	W. D. PERCIVAL EVANS, J.P., L.D.S., R.C.S. (Eng.)
School Dental Officers	E. BYRON LLOYD, L.D.S., R.C.S. (Eng.). S. D. NEALE, L.D.S., B.D.S. (Birm.)
Chief Nursing Officer, Supervisor of Midwives and Chief Health Visitor	Miss A. E. DAVIES, S.R.N., S.C.M., H.V. CERT., Q.N.
Deputy Chief Nursing Officer, Deputy Supervisor of Midwives and Deputy Chief Health Visitor ...	Miss I. E. MANN, S.R.N., S.C.M., H.V. CERT., Q.N.
Public Health Inspector	EVAN RICHARDS, A.A.L.P.A., M.R.S.I., CERT. S.I.B.
Psychiatric Social Worker ...	Mrs. E. MAIR PIETTE, B.A., (Soc. Science Birm.), A.A.P.S.W. (Lond.), M.B.A.S.W.
County Analyst	D. C. JENKINS, M.Sc., F.R.I.C., F.C.S.
County Ambulance Officer ...	J. C. BLAYNEY (Commander of the Order of St. John), F.I.A.O. (Retired 5/3/71).
County Ambulance Officer ...	T. H. HUMPHREYS (Commenced 6/3/71)
Deputy County Ambulance Officer	I. WYNNE DAVIES (Commenced 6/3/71)
Health Visitors (each holding the H.V. Certificate of the Royal Sanitary Institute)	Miss VALMAI DAVIES, S.R.N., S.C.M. Miss C. HUGHES EVANS, S.R.N., S.C.M. Mrs. MARY LEWIS, S.R.N., S.C.M. Miss D. J. MORGAN, S.R.N., S.C.M. Miss E. A. MORGAN, S.R.N., S.C.M. Miss N. MORGAN, S.R.N., S.C.M. Miss M. MORRIS, S.R.N., S.C.M. Mrs. S. E. MORRIS, S.R.N., S.C.M. Miss S. E. A. MORGAN, S.R.N., S.C.M. Miss M. THOMAS, S.R.N., S.C.M. (Resigned 30/11/71) Mrs. E. A. V. WILLIAMS, S.R.N., S.C.M.
Orthopaedic Sister	Mrs. WINIFRED KOLCZAK, S.R.N., O.N.C.

District Nurse/Midwives

- ... Sister D. BEVAN, S.R.N., S.C.M., N.D.N. (Cert.,)
Llanfarian
- Sister M. BOWEN, S.R.N., S.C.M., Llangranog
- Sister A. M. DAVIES, S.R.N., S.C.M., (County Relief)
- Sister E. DAVIES, S.R.N., S.C.M., Llanrhystud
- Sister G. DAVIES, S.R.N., Llandysul (Commenced
4/1/71)
- Sister J. H. DINGLEY, S.R.N., S.C.M., Aberystwyth
- Sister E. M. A. EDWARDS, S.R.N., S.C.M., Tregaron
- Sister D. ESAU, S.R.N., S.C.M., Aberporth
- Sister M. E. Evans, S.R.N., Henllan
- Sister M. H. EVANS, S.R.N., S.C.M., Aberystwyth
- Sister M. J. EVANS, S.R.N., S.C.M., Llanwenog
- Sister M. M. EVANS, S.R.N., S.C.M., Glandyfl
- Sister J. FORSYTH, S.R.N., S.C.M., Cardigan
(Commenced 24/4/71)
- Sister M. E. T. GWYNNE, S.C.M., Llanafan (Retired
31/3/71)
- Sister M. M. GRIFFITHS, S.R.N., S.C.M. (County Relief)
- Sister J. A. HARRHY, S.C.M., Mid-Aeron
- Sister M. R. HARRIES, S.R.N., S.C.M., N.D.N. (Cert.),
Lampeter
- Sister C. B. HERBERT, S.R.N., S.C.M., Q.N. (P/T
County Relief)
- Sister S. M. HUGHES, S.R.N., Devil's Bridge
- Sister K. A. PARRY-JENKINS, S.R.N., S.C.M., Q.N.,
Pontrhydfendigaid (Commenced 1/2/71)
- Sister E. J. JOHN, S.R.N., S.C.M., Llangeitho
- Sister D. E. JONES, S.R.N., S.C.M., Llechryd
- Sister E. W. JONES, S.R.N., N.D.N. (Cert.), Rhydlewish
- Sister GLADYS JONES, S.R.N., S.C.M., Melindwr
- Sister I. M. JONES, S.R.N., S.C.M., Aberystwyth
- Sister M. M. KERINS, S.R.N., Distr. Trained, Cardigan
(St. Dogmaels) (Resigned 31/3/71)
- Sister E. LEWIS, S.R.N., Lampeter (Silian)
- Sister G. H. LEWIS, S.R.N., S.C.M., Cardigan (Verwig)
- Sister M. J. MORGAN, S.R.N., C.M.B. (P/T 1), Llanarth
- Sister M. M. MORGAN S.C.M., Talybont (Retired
15/4/71)
- Sister G. MORRIS, S.R.N., Aberystwyth
- Sister E. E. NORTHAM, S.R.N., Distr. Trained (County
Relief)
- Sister J. PRYDDERCH, S.R.N., C.M.B. (P/T 1), Taly-
bont (Commenced 12/4/71) Temp. Relief
- Sister R. M. REES, S.R.N., S.C.M., New Quay
- Sister P. M. STANDEN, S.R.N., S.C.M., Aberaeron
(Commenced 11/1/71)
- Sister E. M. THOMAS, S.R.N., S.C.M., Q.N., Cardigan
(Commenced 1/2/71)
- Sister FRANKLIN THOMAS, S.R.N., Borth
- Sister M. WILLIAMS, S.R.N., S.C.M., Q.N., Rhydy-
pennau

Dental Attendants	...	...	Miss W. A. P. MILLS Miss PATRICIA THOMAS Miss OLGA JANE MORGAN (Resigned 22/10/71) Miss M. M. LLOYD (Commenced 5/11/71)
Consultant Educational Psychologist (part time)			CYRIL B. E. JAMES, Ph.D., B.A., B.Ed., F.B.Ps.S. CLIVE WILLIAMS, B.Sc. (Lond.); M.A. (Wales); M.A. (Dublin); Ph.D. (Dublin)
Head Teacher—Special Education	...		P. W. EKLUND, C.M., D.T.H.C.
Speech Therapist	...	...	MRS. J. E. HOLDING, L.C.S.T.
Audiometrician	...	...	MRS. BERYL SMITH, S.R.N. (Commenced 1/4/70)
Chief Clerk	...	...	D. OLIVER MORGAN (Retired 7/3/71) J. VINCENT WILLIAMS (Commenced 8/3/71)

Officers of the Regional Hospital Board who provide Specialist Services for the County Council.

Chest	...	...	...	D. LLEWELYN DAVIES, M.R.C.S. (Eng.); L.R.C.P. (Lond.) J. T. JONES, B.Sc., M.B., B.Ch. (Wales) G. O. THOMAS, M.D. (L'pool); M.B., Ch.B. (L'pool)
Ophthalmic	...	...	...	A. H. HALEY, B.Sc., M.B., B.Ch. (Wales), D.O. (Eng.)
Orthopaedic	...	...	...	I. L. MACFARLANE, F.R.C.S. (Eng.); M.Ch. (Ortho.) (L'pool)
Ear, Nose and Throat	...	...	...	SALATHIEL MORGAN, M.B., B.Ch. (Wales); F.R.C.S. (Edin.)
Psychiatry	...	...	...	JOHN FARR, M.B., B.S. (Lond.); D.P.M. (Eng.) E. J. EURFYL JONES, M.A. (Oxon.); B.M., B.Ch. (Oxon.), D.P.M. (Eng.) HUW EDWARDS, M.B., B.S. (Lond.); M.R.C.P. (Eng.); L.R.C.P. (Lond.); D.P.M. (Eng.)
Psychiatry (Sub-normal)	...	...	...	MICHAEL J. CRAFT, M.D. (Lond.), M.B., B.S., M.R.C.P.Ed., D.P.M. (Eng.)
Child Psychiatry	...	...	...	EVAN W. DAVIES, M.B., B.Ch. (Wales); M.R.C.P. (Eng.); D.P.M. (Eng.); M.R.C.Psych.
Geriatrics	...	...	...	J. C. DAVIES, M.B., B.S. (Durh.), M.R.C.P. (Ed.). GARETH HUGHES, M.B., Ch.B. (L'pool), M.R.C.P. (Glas.)
Venereology	...	...	...	R. J. C. COBBOLD, M.B., B.S. (Lond.); M.R.C.S. (Eng.); L.R.C.P. (Lond.) H. VERNON WILLIAMS, M.R.C.S. (Eng.); L.R.C.P. (Lond.)

To the Chairman and Members of the Health Committee

The life of the Health Committee of the Cardiganshire County Council is drawing gradually to a close but it is with considerable pleasure that I am able to report that the interest shown by its members in local authority health problems has not shown the least sign of diminution since the government's announcement of its intention to set up Area Boards.

During the year the social service wing of the Health Department was severed and grafted on to a new body, the Social Services Department of the County Council. The Health Department regrets its departure but wishes the new Department well. Indeed it is gratifying to record that the relationship between the Health and the Social Services Departments, which share so much interest in common, has turned out to be most cordial—a fact which augurs well for the service offered to the public at large.

At the same time the junior training centre, Ysgol Bronaeron, passed into the hands of the Education Department—a step which should facilitate the interchange of pupils between various types of school. The School Health Service, however, retains a strong link with the school.

Our first health centre in Cardiganshire was nearing completion at the end of 1971—at the time of writing in April 1972 the Centre was in use—and the Health Committee has stated that it will give sympathetic consideration to any other applications for health centres that may come its way before April 1974.

The Council obtained delivery of two new ambulances during the year which within a comparatively short time of delivery proved unsatisfactory. Repeated referral to the agents, and the distributors—now the manufacturer has the matter in hand—have so far failed to remedy the brake failure which develops after travelling down hill even on a trunk road. No ambulance of other makes has ever presented the Council with this difficulty since the local health authority accepted responsibility for the ambulance service in 1948. At present, therefore, the almost new ambulance vehicles are out of commission.

The year was also marked by a number of retirements. Mr. D. O. Morgan, the Chief Clerk in the Health Department, left after completing no fewer than 41½ years service with the County Council. Mr. J. C. Blayney, the Ambulance Officer also left after serving the authority for 21 years. We regret the loss of familiar faces and wish them well in their retirement. At the same time we welcome the new incumbents Mr. J. Vincent Williams, Chief Clerk, and Mr. T. Humphreys, Ambulance Officer.

A more detailed account of the work for the year which ended in December 1971 will be found in the ensuing pages.

I. MORGAN WATKIN,
County Medical Officer

TABLE I

Section 1—STATISTICS
AREA, POPULATION AND RATEABLE VALUE OF THE COUNTY

	Aberystwyth Borough	Cardigan Borough	Lampeter Borough	Aberaeron Urban District	New Quay Urban District	Aberaeron Rural District	Aberystwyth Rural District	Telfside Rural District	Tregaron Rural District	Total for County
Area in acres 	1,141	4,928	1,754	388	281	99,321	140,728	73,102	121,546	443,189
Population (1961 Census) 	10,427	3,789	1,855	1,209	954	9,014	11,227	10,358	4,815	53,648
Population Mid-1971 (Registrar General's Estimate) 	12,150	3810	2,130	1,300	760	8,670	12,590	10,560	4190	56,160
Rateable Value at 1st April, 1971 	£478,192	£132,028	£82,136	£46,425	£32,671	£131,167	£261,688	£202,973	£63,125	£1,430,405
Rateable Value at 1st April, 1972 	£478,130	£135,846	£86,980	£46,065	£32,773	£133,318	£276,506	£209,305	£64,957	£1,463,880
Sum represented by 1p. rate 1971-72	£4,536	£1,263	£785	£440	£312	£1,332	£2,473	£1,864	£566	£13,571
Estimated sum represented by 1p. rate 1972-73 	£4,580	£1,290	£818	£460	£325	£1,335	£2,742	£1,916	£562	£14,028



TABLE 2

VITAL STATISTICS

MOTHERS AND INFANTS

Live births

Number—Males	...	...	...	338	
Females	...	...	...	316	654
Rate per 1,000 population	...	...	...	...	11.6
Ratio of local adjusted birth rate to national rate	...				0.85

Illegitimate Live Births (per cent of total live births) ... 6.00

Stillbirths

Number—Males	...	...	...	4	
Females	...	...	...	8	12
Rate per 1,000 total live and stillbirths	...		...	...	18.00

Total Live and Stillbirths ... 666

Infant Deaths (deaths under one year) ... 15

Infant Mortality Rates

Total deaths under 1 year per 1,000 live births	...				23.0
Deaths of legitimate infants under 1 year per 1,000					
legitimate live births	...	...	...	...	21.0
Deaths of illegitimate infants under 1 year per 1,000					
illegitimate live births	...	...	...	...	54.0

Neo-natal Mortality Rate (deaths under four weeks per 1,000 total live births) ... 18.00

Early Neo-natal Mortality Rate (deaths under one week per 1,000 total live births) ... 15.00

Peri-natal Mortality Rate (stillbirths and deaths under one week combined per 1,000 total live and still births) ... 33.00

Maternal Mortality (including abortion)

Number of deaths	...	...	...	...	NIL
Rate per 1,000 total live and still births	...		...	...	NIL

TABLE 3

CAUSES OF DEATH (All Ages)
(Headings with no deaths allocated are omitted)

<i>Causes of Death</i>					NUMBER OF DEATHS		
					<i>Male</i>	<i>Female</i>	<i>Total</i>
Enteritis and Other Diarrhoeal Diseases	...	...	...	...	1	—	1
Other Infective and Parasitic Diseases	...	...	...	...	1	—	1
Malignant Neoplasm, Oesophagus	...	...	...	...	4	6	10
Malignant Neoplasm, Buccal Cavity, etc.	...	...	...	...	—	1	1
Malignant Neoplasm, Stomach	...	...	...	...	11	7	18
Malignant Neoplasm, Intestine	...	...	...	...	12	12	24
Malignant Neoplasm, Lung Bronchus	...	...	...	...	23	1	24
Malignant Neoplasm, Breast	...	...	...	...	—	17	17
Malignant Neoplasm, Uterus	...	...	...	...	—	5	5
Malignant Neoplasm, Prostate	...	...	...	...	6	—	6
Other Malignant Neoplasms	...	...	...	...	18	20	38
Leukaemia	...	...	...	...	2	2	4
Benign and Unspecified Neoplasms	...	...	...	...	1	2	3
Diabetes Mellitus	...	...	...	...	2	2	4
Anaemias	...	...	...	...	1	—	1
Other Endocrine, etc., Diseases	...	...	...	...	1	1	2
Mental Disorders	...	...	...	...	—	1	1
Other Diseases of Nervous System, etc.	...	...	...	...	6	2	8
Chronic Rheumatic Heart Disease	...	...	...	...	5	3	8
Hypertensive Disease	...	...	...	...	3	6	9
Ischaemic Heart Disease	...	...	...	...	112	72	184
Other Forms of Heart Disease	...	...	...	...	24	33	57
Cerebrovascular Disease	...	...	...	...	56	72	128
Other Diseases of Circulatory System	...	...	...	...	16	23	39
Other Diseases of Blood	...	...	...	...	—	3	3
Pneumonia	...	...	...	...	23	25	48
Cirrhosis of Liver	...	...	...	...	1	3	4
Bronchitis and Emphysema	...	...	...	...	14	1	15
Asthma	...	...	...	...	1	—	1
Other Diseases of Respiratory System	...	...	...	...	11	4	15
Peptic Ulcer	...	...	...	...	4	1	5
Intestinal Obstruction and Hernia	...	...	...	...	1	2	3
Other Diseases of Digestive System	...	...	...	...	4	9	13
Multiple Sclerosis	...	...	...	...	—	1	1
Diseases of Musculo-Skeletal System	...	...	...	...	—	1	1
Nephritis and Nephrosis	...	...	...	...	1	2	3
Hyperplasia of Prostate	...	...	...	...	1	—	1
Other Diseases, Genito-Urinary System	...	...	...	...	4	5	9
Congenital Anomalies	...	...	...	...	1	3	4
Birth Injury, Difficult Labour, etc.	...	...	...	...	1	1	2
Other Causes of Perinatal Mortality	...	...	...	...	4	1	5
Symptoms and Ill-defined Conditions	...	...	...	...	9	5	14
Motor Vehicle Accidents	...	...	...	...	8	2	10
All other Accidents	...	...	...	...	8	9	17
Suicide and Self-Inflicted Injuries	...	...	...	...	5	—	5
All other External Causes	...	...	...	...	3	2	5
TOTAL					409	368	777

Crude death rate per 1,000 population ... 13.8
Ratio of local adjusted death rate to national rate ... 0.96

TABLE 4 (Continued)

Causes	Total All Ages		Under 4 weeks		4 Weeks and under 1 year		Age in Years								65—74		75 and over								
	M	F	M	F	M	F	1—4		5—14		15—24		25—34		35—44		45—54		55—64		M	F	M	F	
							M	F	M	F	M	F	M	F	M	F	M	F	M	F					
Other Diseases of Blood ...	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Pneumonia ...	23	25	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21
Cirrhosis of Liver ...	1	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bronchitis and Emphysema ...	14	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Asthma ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases of Respiratory System	11	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peptic Ulcer ...	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Intestinal Obstruction and Hernia...	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Other Diseases of Digestive System	4	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2
Multiple Sclerosis ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Diseases of Musculo-Skeletal System	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Nephritis and Nephrosis ...	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hyperplasia of Prostate ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Diseases, Genito-Urinary System	4	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Congenital Anomalies ...	1	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Birth Injury, Difficult Labour, etc.	1	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Causes of Perinatal Mortality	4	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Symptoms and Ill-defined Conditions	9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4
Motor Vehicle Accidents ...	8	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
All Other Accidents ...	8	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6
Suicide and Self-Inflicted Injuries ...	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
All Other External Causes ...	3	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTAL (All Causes)	409	368	7	5	3	—	1	—	—	7	2	2	2	7	6	25	14	56	43	122	94	176	202	202	202

TABLE 5

TABLE OF INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS) NOTIFIED DURING THE YEAR

Sanitary District	Population Census 1961	Population Estimated 1971	Cholera	Diphtheria	Dysentery (amoebic and bacillary)	Encephalitis Lethargica	Erysipelas	Food Poisoning	Malaria	Measles	Meningococcal Infection	Ophthalmia Neonatorum	Paratyphoid Fever	Plague	Pneumonia (Acute Primary and Influenza)	Acute polio-myelitis	Acute polio-encephalitis	Puerperal pyrexia	Relapsing Fever	Scarlet Fever	Typhoid Fever	Typhus Fever	Whooping Cough	Infective Jaundice
URBAN : Aberaeron ...	1209	1300	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aberystwyth ...	10427	12150	—	—	1	—	—	1	—	16	—	—	1	—	—	—	—	—	—	—	—	—	—	4
Cardigan ...	3789	3810	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Lampeter ...	1855	2130	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	13	—	—	7	2
New Quay ...	954	760	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
RURAL : Aberaeron ...	9014	8670	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	4	—	—	—	1
Aberystwyth ...	11227	12590	—	—	2	—	—	1	—	74	—	—	—	—	—	—	—	—	—	—	—	—	3	—
Teifside ...	10358	10560	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tregaron ...	4815	4190	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	3	—	—	1	—
Total ...	53648	56160	—	—	3	—	—	2	—	99	—	1	1	—	—	—	—	—	—	20	—	—	11	7

TUBERCULOSIS NOTIFICATIONS, 1971, IN AGE GROUPS

RESPIRATORY

TABLE 6

DISTRICT	0—		1—		2—		5—		10—		15—		20—		25—		35—		45—		55—		65—		75—		TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Aberaeron Urban	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Aberystwyth Boro.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	1	—	4
Cardigan Borough...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lampeter Borough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Quay Urban ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aberaeron Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	2	—	4
Aberystwyth Rural	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1
Teifside Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Tregaron Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Whole County ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	2	—	1	—	1	—	1	—	3	—	12

NON-RESPIRATORY

TABLE 7

DISTRICT	0—		1—		2—		5—		10—		15—		20—		25—		35—		45—		55—		65—		75—		TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Aberaeron Urban ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aberystwyth Boro.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Cardigan Borough...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1
Lampeter Borough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
New Quay Urban ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aberaeron Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1
Aberystwyth Rural	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	3
Teifside Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tregaron Rural ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whole County ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	2	—	—	—	—	1	—	—	—	6

Section 2

CARE OF MOTHERS AND YOUNG CHILDREN

Ante-Natal Clinics

In view of the prevailing circumstances in Cardiganshire it is not the policy of the local health authority to run ante-natal clinics. At present ante-natal clinics are held at Bronglais Hospital under the supervision of Dr. Geoffrey Williams, the consultant obstetrician. Domiciliary midwives, whenever possible, accompany the patients to the ante-natal clinics and health visitors give educational talks and film displays on matters connected with childbirth and the care of the infant. Relaxation exercises are held under the aegis of the hospital physiotherapist. This dual arrangement has been worked out in collaboration with the consultant obstetrician and the scheme is running satisfactorily.

At Glangwili Hospital, Carmarthen, the consultant obstetrician for West Wales also holds ante-natal clinics. These facilities are over and above those available to expectant mothers through their family doctor.

Care of Unmarried Mothers and their Children

Arrangements are usually made through the St. David's Diocesan Moral Welfare Committee for the confinement and care of unmarried mothers. Unmarried mothers may be admitted to a hostel outside Cardiganshire for some months before a confinement is due and kept for some time afterwards. The committee also assists in making suitable arrangements for the child.

Other expectant mothers leave home and go to London and the Midlands to seek refuge. Here they apply to the local authority for assistance and the latter contact Cardiganshire as the county of normal residence for a grant towards their maintenance.

Child Welfare

The mobile clinic is enabling mothers who previously found it difficult to bring their children to an infant welfare clinic to receive attention. The success of the venture is shown by the increasing number of applications for the mobile clinic to visit small villages and hamlets. The programme of the mobile clinic at the end of December was as follows.

MOBILE CLINICS

<i>Day in Month</i>	<i>Centres</i>	<i>Approx. Time</i>	<i>Total No. of Infants attendances in the year</i>	<i>Average No. of Infants attendances per session</i>	<i>Total No. of Sessions held</i>
1st Tuesday	Cribyn (Request)	10.00 a.m.	55	4.58	12
	Llanwnen	10.45 a.m.	44	3.67	12
	Alltyblacca (Request)	11.00 a.m.	21	1.75	12
	Cwrtnewydd	11.30 a.m.	63	5.25	12
1st Wednesday	Llanon	10.00 a.m.	51	4.64	11
	Llanrhystyd	10.45 a.m.	78	7.09	11
	Blaenplwyf	11.30 a.m.	61	5.08	12
1st Thursday	Upper Borth	10.00 a.m.	85	7.73	11
	Lower Borth	11.30 a.m.			
	Llandre (Request)	12.00 a.m.			
2nd Monday	Llanilar	10.00 a.m.	212	17.67	12
	Abermagwr	10.45 a.m.	59	5.36	11
	Pontrhydygroes (Request Stop)	11.15 a.m.	—	—	—
	Pontrhydfendigaid	11.30 a.m.	29	2.63	11
2nd Tuesday	Lledrod (Request)	10.00 a.m.	17	3.40	5
	Bronant	10.15 a.m.	69	6.27	11
	Llangeitho (Request)	11.00 a.m.	25	2.08	12
	Llanddewi Brefi	11.30 a.m.	115	9.58	12
	Tregaron	2—4 p.m.	189	15.75	12
2nd Thursday	Tre'rddol	10.00 a.m.	18	6.00	3
	Talybont	11.10 a.m.	144	12.00	12
2nd Friday	Capel Seion (Request)	10.00 a.m.	8	2.00	4
	Devil's Bridge	10.30 a.m.	4	1.33	3
	Ponterwyd	11.00 a.m.	55	5.00	11
	Goginan	2.00 p.m.	42	4.20	10
	Capel Bangor	3.00 p.m.	104	9.45	11
3rd Tuesday	Llechryd	10.30 a.m.	59	4.54	12
	Parcellyn	11.45 p.m.	65	5.91	11
3rd Wednesday	Commings Coch	10.00 a.m.	72	6.00	12
	Waunfawr	10.45 a.m.	241	20.08	12
3rd Thursday	Penrhyncoch	10.00 a.m.	165	13.75	12
	Bow Street	11.00 a.m.	25	8.33	3
3rd Friday	Pontgarreg	10.30 a.m.	17	1.55	11
	Beulah	11.15 a.m.	38	3.17	12
	Rhydlewis	11.45 a.m.	9	1.13	8
4th Monday	Penrhiwillan	1.30 p.m.	52	4.73	11
	Llandysul (Beeches Estate)	2.30 p.m.	90	8.18	11
4th Tuesday	Felinfach	10.00 a.m.	66	6.00	11
	Talsarn	10.45 a.m.	33	3.00	11
	Cross Inn	11.15 a.m.	18	3.60	5
	Llangwryfon (Request Stop)	11.45 a.m.	—	—	—
4th Thursday	Talgarreg	10.15 a.m.	25	2.27	11
	Pontsian	11.00 a.m.	44	4.00	11
	New Quay				
	New Quay (Discon- tinued Sept. 1971)		5	.63	8
TOTAL			2,572	6.35	405

Fixed Clinics

<i>Centre</i>	<i>Where held</i>	<i>Day held</i>	<i>Total No. of infant attendances in the year</i>	<i>Average No. of infant attendances per session</i>	<i>Total No. of Sessions held</i>
Aberaeron	Memorial Hall, Aberaeron	2nd & 4th Friday in each month	117	5.32	22
Aberporth	Village Hall, Aberporth	1st Monday in each month	214	17.83	12
Aberystwyth	New Clinic, North Road, Aberystwyth	Every Wednesday & Thurs. afternoons	1,401	15.40	91
Cardigan	Temp. Building at C. P. School Cardigan	2nd & 4th Tuesday in each month	544	23.65	23
Lampeter	New Clinic, Temple Terrace, Lampeter	1st & 3rd Tuesday in each month	253	10.54	24
Llandysul	Graig Vestry, Llandysul	1st Tuesday in each month	53	4.42	12
Penparcau	Junior School, Penparcau,	Every Friday	778	15.25	51
		TOTAL	3,360	14.30	235

Care of Premature Infants.

Each district midwife is supplied with a Cestra Premature Baby Outfit. Other specialised equipment for treating the baby at home and for transporting it to hospital is borrowed, by arrangement, with Bronglais Hospital, Aberystwyth.

Number of premature infants born at home	...	...	4
Transferred to hospital	...	...	2
Died within the first 24 hours	...	...	1
Died within the first 28 days	...	...	—

Dental Care.

The following data have been supplied by Mr. W. D. Percival Evans, the Principal Dental Officer.

The dental care of expectant and nursing mothers and of pre-school children is under the supervision of the Principal Dental Officer of the Authority. Full treatment is provided, including artificial dentures.

The following tables show the numbers treated and the type of treatment given during the year.

Attendances and Treatment

Number of Visits for Treatment during Year						Children 0—4 (incl.)	Expectant & Nursing Mothers
First Visit ...	...	...	...	...	...	60	84
Subsequent Visits ...	...	...	...	...	...	50	93
Total Visits ...	...	...	...	...	...	110	177
Number of Additional Courses of Treatment other than the First Course commenced during year ...						—	—
Treatment provided during the year—							
Number of Fillings ...	...	...	...	...	...	37	74
Teeth Filled ...	...	...	...	...	...	37	74
Teeth Extracted ...	...	...	...	...	...	60	107
General Anaesthetic given ...	...	...	...	...	...	30	31
Emergency Visits by Patients ...	...	...	...	...	...	—	3
Patients X-Rayed ...	...	...	...	...	...	6	25
Patients Treated by Scaling and/or Removal of Stains from the Teeth (Prophylaxis) ...	...	...	...	...	...	8	37
Teeth Otherwise Conserved ...	...	...	...	...	...	21	—
Teeth Root Filled ...	...	...	...	...	...	—	—
Inlays ...	...	...	...	...	...	—	—
Crowns ...	...	...	...	...	...	—	—
Number of Courses of Treatment completed during the year						37	60

Prosthetics

Patients Supplied with F.U. or F.L. (First Time) ...	...	...	4
Patients Supplied with Other Dentures ...	...	...	12
Number of Dentures Supplied ...	...	...	16

Anaesthetics

General Anaesthetics Administered by Dental Officers ...	...	—
--	-----	---

Inspections :

	Children 0—4 (incl.)	Expectant & Nursing Mothers
Number of Patients given First Inspections during Year ...	46	57
No. of Patients who required Treatment ...	46	57
No. of Patients who were offered treatment ...	46	57

Number of Dental Officer Sessions (i.e. Equivalent Complete Half Days) Devoted to Maternity and Child Welfare Patients :

For Treatment ...	60
For Health Education ...	4

Welfare Foods.

The amount of welfare foods issued during the period can be seen from the following table :—

Commodity	Van	Voluntary Distributors
National Dried Milk (cartons) ...	343	5,344
Cod Liver Oil (bottles) ...	42	139
A. D. & C. Vitamin Drops ...	534	143
A. and D. Tablets (packets) ...	321	89
Orange Juice (bottles) ...	10,015	9,620

Details of bulk supplies received up to the end of the year are shown in the following table :—

Commodity	Quantity
National Dried Milk (cartons) ...	5,244
Cod Liver Oil (bottles) ...	108
A. D. & C. Vitamin Drops ...	900
A. and D. Tablets (packets) ...	480
Orange Juice (bottles) ...	25,500

The amount of welfare foods issued during the year from the van at the various distribution centres is shown below :—

<i>Centre</i>	<i>National Dried Milk</i>	<i>Cod Liver Oil</i>	<i>A. D. & C Vitamin Drops</i>	<i>A. & D. Tablets</i>	<i>Orange Juice</i>
Aberaeron ...	—	—	—	—	36
Aberystwyth ...	316	29	403	211	7,482
Cardigan ...	—	—	20	13	377
Lampeter ...	25	11	77	78	1,779
Llandysul ...	2	2	34	19	328
Tregaron ...	—	—	—	—	13
TOTAL ...	343	42	534	321	10,015

Family Planning Clinic

The county council entered into an agreement with the Family Planning Association for the expanded service recommended by the Minister of Health in his Circulars to local health authorities.

Clinics are now held at Aberaeron, Aberystwyth, Cardigan and Lampeter.

Patient statistics for family planning services 1971

		<i>New patients</i>	<i>Total visits Birth control</i>	<i>Cervical smears</i>
Aberaeron ...	...	32	273	11
Aberystwyth ...	...	162	990	60
Cardigan ...	...	69	436	209
Lampeter ...	...	27	105	27

Child Life Protection.

The duties in connection with Child Life Protection are now undertaken by the Social Services Committee. Close liaison is maintained with the Director of Social Services who notifies the Health Department of all children under five supervised by him. These are then visited by the health visitor.

Nurseries and Child Minders

The responsibility for this service has now been taken over by the Social Services Department.

Juvenile Courts

A report upon the health of all juveniles appearing in court is prepared in accordance with Section 35 of the Children and Young Persons Act, 1933. Medical reports where appropriate are submitted in accordance with Section 11 (iv) of the Summary Jurisdiction (Children and Young Persons) Rules 1933.

Section 3—MIDWIFERY

The Chief Nursing Officer as Supervisor of Midwives paid 18 visits to Bronglais and Cardigan Maternity Units.

25 domiciliary and 20 hospital midwives notified their intention to practise during 1971.

The county is covered by two Maternity Liaison Committees. The one for the Mid-Wales Hospital Management Committee meets at Aberystwyth while that for the South West Wales Hospital Management Committee is convened at Carmarthen, Cardigan or Haverfordwest. The supervisor of midwives normally attends these meetings and the medical staff of the local health authority is represented by Dr. Glyn Rhys, M.R.C.O.G.

Section 4—HEALTH VISITING

The Council employs eleven whole-time health visitors who also act as school nurses. It is proposed to increase the establishment during the coming year.

Section 5—ATTACHMENT OF NURSES AND HEALTH VISITORS TO GENERAL PRACTITIONERS

During 1971 the Chief Nursing Officer paid 12 visits to General Practitioners regarding attachments and a meeting at Llanybydder with the Carmarthenshire County Medical and Nursing Officers helped to iron out some of the difficulties.

During the year the only new attachment made was at Lampeter where both Medical and Nursing staff have benefitted. Nursing staff now attend surgery in the afternoons and by arrangement.

A list of current attachments is appended together with those scheduled for early 1972.

March 1972—Attachments of Staff to General Practitioners in Cardiganshire at present time

Aberystwyth		1 Health Visitor
52 North Parade, Surgery	From December 1970	3 District Nursing Sisters
Aberystwyth		
24 North Parade, Surgery	From February, 1972	District Nursing Sisters
Aberystwyth		
22 North Parade, Surgery	From February, 1972	District Nursing Sister
Dr. J. B. Thomas, Llanilar	from 1970	District Nursing Sister
Lampeter		1 Health Visitor
Surgery	From August, 1971	District Nursing Sisters
Cardigan		
Drs. Rees & Rendle	From March 1, 1972	District Nursing Sister
Drs. Jones & Harris	From March 1, 1972	District Nursing Sister
Llandysul	} Part Time	Health Visitor
Drs. Griffiths & Selcon		District Nursing Sister
Drs. Jones & Enoch		

New Quay
 Drs. Davies & Vasey
 Dr. James
 Borth
 Dr. Lloyd Davies
 Dr. W. C. Davies
 Tregaron
 Dr. Williams
 Dr. J. S. Turner
 Aberaeron
 Dr. H. Herbert
 Dr. G. Hughes
 Dr. Lloyd Rees

Very good liaison with
 H.V. & Dist. Nursing Sister
 Very good liaison with
 Health Visitor and District
 Nursing Sisters attached
 Good liaison with Health
 Visitor and District
 Nursing Sisters
 Good liaison with
 Health Visitor and
 District Nursing Sisters

A detailed account of the work of the health visitors is given in the ensuing table
REPORT OF HEALTH VISITORS/SCHOOL NURSES FOR THE YEAR 1971

AREA	Infant Visits (0—5 years)	CLINICS ATTENDED		No. of visits to T.B., Blind, Orthopaedic, Mentally Defective Persons	SCHOOL WORK		No. of Children found verminous or suffering from Minor Ailments	No. of Homes visited
		M. & C.W.	All Others		No. of Visits to Schools	No. of children examined		
Penglais, Llanbadarn, Capel Bangor & Town Centre (1) ...	906	131	2	97	100	5,074	1	21
Penparcau, Llanfarian & Town Centre (2)	928	158	4	77	49	3,124	12	49
Rhydypennau, Taly- bont, Glandyfi and Devil's Bridge ...	1,060	41	4	51	96	3,011	—	23
Aberystwyth Group Practice ...	1,338	90	10	136	34	618	1	1
Aberystwyth South	1,174	56	—	71	147	3,301	75	72
Aberaeron	1,435	32	1	5	86	2,776	23	13
Lampeter ...	913	33	30	520	95	3,862	50	35
Llandysul ...	1,280	43	—	109	108	4,597	14	102
Cardigan ...	1,670	33	—	68	87	5,221	29	82
Llangranog ...	1,554	81	3	22	45	2,820	—	32
Tregaron ...	1,165	48	11	175	54	1,074	6	34
TOTAL ...	13,423	746	65	1,331	901	35,478	211	464

Section 6—HOME NURSING

During 1971 the Chief Nursing Officer and her Deputy paid 88 visits to District Nursing Sisters in the county also 18 visits to area groups of Nursing Staff.

30 visits were paid to Health Visitors and M. & C.W. Clinics. As the Play Groups are now under the Social Services Department, only two visits were requested for a Nursing Officer to visit premises with a Senior Social Worker.

The Deputy Chief Nursing Officer made three visits at request of Hospital Tutor to talk to the pupil nurses, and two Careers Conventions were attended.

During September, 1971, four members of staff attended a course for Practical Work Instructors at Wrexham in preparation for the District Nurse Training.

In October, 1971, five District Nursing Sisters were seconded to Wrexham Health Department for three weeks Theoretical Training in preparation for the National District Nurse Training Certificate, the practical training being carried out and supervised on their own area. The five were successful in the January Examination.

Co-operation with Social Services Department

The Chief Nursing Officer attended 10 meetings and case conferences with members of this department.

REPORT OF DISTRICT NURSE/MIDWIVES FOR THE YEAR 1971

DISTRICT	MIDWIFERY				HOME NURSING			Sick Leave (days)	Maternity Leave (Days)
	No. of Live Births	Total Number of Maternity and Midwifery visits	Total Ante-Natal visits	Number of Mater- nity and Mid- wifery cases nursed (under 14 days)	Total Nursing Visits	Total Number of visits to Elderly (included in total nursing visits)	Number of Injections only		
Aberystwyth Group Practice	—	223	82	40	1,824	1,541	429	—	—
Aberystwyth Group Practice	—	31	—	—	2,086	1,669	229	—	—
Aberystwyth : Centre	—	133	15	24	1,495	1,021	168	—	—
Aberystwyth : South	—	209	16	20	1,361	1,052	298	7	—
Aberaeron ...	—	209	216	25	1,467	1,299	432	7	—
Aberporth ...	1	206	67	33	1,444	693	441	32	—
Borth ...	—	—	—	—	2,400	986	293	—	—
Cardigan : St. Dogmaels	—	195	—	33	876	762	454	—	—
Cardigan : Verwig ...	—	213	86	36	805	609	411	80	—
Devil's Bridge ...	—	83	87	13	1,645	871	446	—	—
Glandyfi ...	1	181	41	16	2,462	1,488	269	—	—
Henllan ...	—	40	63	5	1,764	1,213	1,124	10	—
Lampeter : Silian ...	—	—	—	—	1,505	953	572	—	—
Lampeter : Cellan ...	—	111	96	9	2,403	1,254	435	—	—
Llanafan ...	—	132	84	16	1,730	1,125	461	—	—
Llanarth ...	1	123	73	7	1,749	1,316	864	—	—
Llandysul ...	—	201	188	29	3,180	1,928	1,907	—	—
Llanfarian ...	2	240	43	32	1,729	1,522	325	—	—
Llangeitho ...	—	111	111	10	1,782	923	68	—	—
Llangranog ...	2	122	59	16	1,606	672	485	—	—
Llanrhystud ...	—	187	142	17	1,991	1,371	624	—	—
Llanwenog ...	1	107	119	12	1,972	1,094	504	—	—
Llechryd ...	—	233	76	26	1,087	616	391	—	—
Melindwr ...	—	123	57	17	1,568	987	151	—	—
Mid-Aeron ...	1	350	305	52	1,173	662	264	—	—
New Quay ...	2	144	81	21	1,631	1,096	433	—	—
Rhydlewys ...	—	—	—	—	2,356	1,733	997	—	—
Rhydypennau ...	—	189	54	28	1,713	1,365	141	—	—
Talybont ...	—	152	108	20	1,547	969	181	—	—
Tregaron ...	—	112	89	15	1,756	612	488	17	—
Relief ...	1	410	182	—	6,498	4,047	2,270	—	—
TOTALS ...	12	4,770	2,540	572	58,605	37,449	16,555	153	—

Section 7—PREVENTION OF BREAK-UP OF FAMILIES

Problem families are regularly visited by health visitors and regular consultation occurs with the Director of Social Services.

Section 8—VACCINATION AND IMMUNISATION

Smallpox Vaccination

In normal times this is carried out entirely by general practitioners. Records of the 826 successful vaccinations and re-vaccinations carried out in 1971 are as follows

Age		<i>Number successfully vaccinated</i>	<i>Number successfully re-vaccinated</i>
Under 1 year old	...	23	—
1 year old	...	52	—
2—4 years	...	135	17
5—15 years	...	108	108
15+	...	92	282

The number of registered live births for the year 1971 was 654 so that at the end of the year an estimated 3.5% of children under a twelvemonth had been vaccinated.

VACCINATION OF PERSONS UNDER AGE 16 COMPLETED DURING 1971

Table I—COMPLETED PRIMARY COURSES—Number of Persons under age 16

TYPE OF VACCINE OR DOSE	YEAR OF BIRTH					Others under age 16	TOTAL
	1971	1970	1969	1968	1964-67		
1. Quadruple DTPP ...	—	—	—	—	—	—	—
2. Triple DTP ...	7	216	99	15	12	—	348
3. Diphtheria/Pertussis ...	—	—	—	—	—	—	—
4. Diphtheria/Tetanus ...	—	19	11	3	9	2	44
5. Diphtheria ...	—	—	2	4	9	—	15
6. Pertussis ...	—	—	—	—	—	—	—
7. Tetanus ...	1	4	1	—	6	18	30
8. Oral Poliomyelitis ...	21	267	112	23	27	13	463
9. Rubella ...	—	—	—	—	—	113	113
10. Measles ...	1	71	91	23	26	—	212
11. Lines 1+2+3+4+5 (Diphtheria) ...	7	234	112	22	30	2	407
12. Lines 1+2+3+6 (Whooping Cough)	7	216	99	15	12	—	348
13. Lines 1+2+4+7 (Tetanus) ...	8	238	111	18	27	20	422
14. Lines 1+8+9 (Polio) ...	21	267	112	23	27	13	463

Table 2—REINFORCING DOSES—Number of Persons under age 16

	YEAR OF BIRTH					Others under age 16	Total
	1971	1970	1969	1968	1964-67		
1. Quadruple DTPP	—	—	—	—	—	—	—
2. Triple DTP	—	58	24	23	65	11	181
3. Diphtheria/Pertussis	—	—	—	—	—	—	—
4. Diphtheria/Tetanus	—	1	20	14	1037	—	1072
5. Diphtheria	—	—	4	1	3	—	8
6. Pertussis	—	—	—	—	—	—	—
7. Tetanus	—	5	7	4	25	92	133
8. Poliomyelitis Oral	—	40	39	9	106	25	219
9. Sabin							
10. Measles	—	—	—	—	—	—	—
11. Lines 1+2+3+4+5 (Diphtheria) ...	—	59	48	38	1105	11	1261
12. Lines 1+2+3+6 (Whooping Cough)	—	58	24	23	65	11	181
13. Lines 1+2+4+7 (Tetanus) ...	—	64	51	41	1127	103	1386
14. Lines 1+8+9 (Polio)	—	40	39	9	106	25	219

Section 9—AMBULANCE SERVICE

During the year under review the ambulance service operated a fleet of 16 vehicles—11 ambulances, 4 dual purpose vehicles and one utilibus.

The difficulties experienced with the two new ambulances have been referred to in the introduction and no elaboration is called for at this stage.

The radiotelephony scheme still does not give the cover that is reasonably obtainable scientifically and it is hoped that the necessary modifications will not be unduly delayed owing to financial stringency.

The number of patients conveyed by ambulance increased from 31,126 in 1970 to 32,847 in 1971. A further 6,923 were conveyed by sitting car. The number of emergency calls continues to increase, a total of 1,578 having been received during the year as against 1,467 in 1970.

Three patients were transported by helicopter during the year. Case No. 1 was conveyed from New Quay to Cardiff Royal Infirmary; Case No. 2 from Bronglais General Hospital, Aberystwyth, to Sully Hospital; and Case No. 3 from Bronglais General Hospital to Cardiff Royal Infirmary.

It is with pleasure that we record that the team entered by the Cardiganshire County Council Ambulance Service won the first prize at the Annual Competition open to all the local authority ambulance services in Wales. They went on to represent Wales at the Great Britain finals in Harrogate.

TABLE 14

	1969	1970	1971
Number of patients conveyed	30,548	31,126	32,847
Number of journeys made ...	8,394	8,643	8,896
Mileage covered	307,672	316,965	328,700

Ambulance Details, 1971

Station	Total number of patients conveyed	Emergency	Non-emergency	Number of journeys made	Mileage covered
Aberystwyth	19,925	625	19,300	5,678	144,196
Cardigan	5,852	265	5,587	1,532	79,909
Lampeter	5,705	297	5,408	1,287	77,526
New Quay	1,365	156	1,209	399	27,069
Totals	32,847	1,343	31,504	8,896	328,700

Sitting Car Details, 1971

	Total	Emergency	Non-Emergency
Number of patients conveyed	6,923	235	6,688
Number of journeys made ...	2,886	—	—
Mileage covered	230,524	—	—

Comparative Statements 1971 with 1970, year ended 31st December

WHOLE COUNTY			<i>Journeys</i>	<i>Patients</i>	<i>Mileage</i>
1971	...	...	8,896	32,847	328,700
1970	...	...	8,643	31,126	316,965
Difference	...		+253	+1,721	+11,735
ABERYSTWYTH					
1971	...	...	5,678	19,925	144,196
1970	...	...	5,646	18,324	143,524
Difference	...		+ 32	+ 1,601	+ 672
CARDIGAN					
1971	...	...	1,532	5,852	79,909
1970	...	...	1,404	5,495	69,315
Difference	...		+ 128	+ 357	+10,594
LAMPETER					
1971	...	...	1,287	5,705	77,526
1970	...	...	1,224	6,015	76,414
Difference	...		+ 63	— 310	+1,112
NEW QUAY					
1971	...	...	399	1,365	27,069
1970	...	...	369	1,292	27,712
Difference	...		+ 30	+ 73	— 643

Summary of Ambulance and Sitting Car Work for 1971

	<i>Journeys</i>	<i>Patients</i>	<i>Mileage</i>
Ambulance : 1971 ...	8,896	32,847	328,700
Sitting Car : 1971 ...	2,886	6,923	230,524
Combined Figures : 1971 ...	11,782	39,770	559,224

Section 10—PREVENTION OF ILLNESS, CARE AND AFTER-CARE

The local health authority's arrangements for the prevention of illness, care and after care are primarily related to tuberculosis, mental disorder and venereal disease but equipment for nursing at home and for the after care of patients is lent to persons suffering from a multitude of ailments.

Tuberculosis

Close association is maintained with the three chest physicians serving the county. Health visitors follow up contacts of tuberculosis patients and visit them in their homes following discharge. Where this is thought desirable, patients are sent to the Papworth Village Settlement.

Report by Dr. BERYL THOMAS

Health Education

Members of the staff of the Department are engaged in educating the public on health matters in the course of their routine work. In addition, talks are given to various groups, by request, and antenatal classes are held weekly at Aberystwyth Maternity Hospital. As well as relaxation exercises, the expectant mothers are instructed in all aspects of their health during the pregnancy and in the care of their babies. At Lampeter Clinic mothercraft classes are held weekly by the local district nurse.

Anti-Smoking Campaign

During the year, anti-smoking publications such as posters and leaflets were distributed widely in the County, mainly at the request of doctors, teachers, etc. In April 1971 a team of experienced anti-smoking educationalists, attached to the British Temperance Society, collaborated with the Health Department in running the first Anti-Smoking Clinic in the County. This consisted of a 'Five-day plan' in which the participants attended classes each evening at which they were given lectures and shown films and then took part in discussion. There was a rather small attendance—only 12 smokers but all these found the course interesting and worthwhile and a few weeks later they were still not smoking. During the day, the speakers visited Ardwyn and Dinas schools to talk to the pupils and show anti-smoking films.

BERYL THOMAS,
Deputy County Medical Officer

Report of Dr. Ann Rhys, Senior Medical Officer

Women's Diagnostic Clinic

Clinics are held weekly at Aberystwyth and monthly at Lampeter. An appointment system operates at these clinics but women without appointments are seen also, if time permits. Routine cervical smears are taken from each woman, and a number of other simple tests and examinations are offered also—viz., blood and urine testing, and examination of the breasts.

512 women attended the clinic during the year.

The following abnormalities came to light and were referred for suitable treatment :

DISEASE	No.	Total	% of those attending
<i>Diseases and Abnormalities of the Genital Tract :—</i>			
Presence of malignant cells ...	1	1	0.2
Infections of the vagina and cervix :			
Non Specific	109	208	40.6
Monilia	5		
Trichomonas	10		
Polypi of the cervix	7		
Erosions of the cervix (simple) ...	41		
Menstrual irregularities	23		
Prolapse	9		
Uterine fibroids	4		
Diseases of the breasts (simple) ...	22	22	4.3
Urinary infections	17	17	3.3
Anaemia	4	4	0.8
Psychiatric Disturbances ...	18	18	3.5

The laboratory work is done at the Pathology Department, New Bronglais Hospital.

The clinic is linked with the mammography service offered by New Bronglais Hospital. Patients attending the Cervical Cytology Clinic are offered an appointment for breast screening by special X-ray techniques at Bronglais Hospital.

The following tables analyse the clinic attendances according to

- (a) Age
- (b) Number of live and stillbirths
- (c) Number of women taking oral contraceptives
- (d) Number of women presenting with symptoms

(a) Analysis of Clinic Attendances according to age

<i>Age Group</i>	<i>No. of Women</i>	<i>% of Total Attendances</i>
Under 20	25	4.9
20—29	176	34.5
30—39	122	23.8
40—49	126	24.5
50 or over	63	12.3
TOTAL	512	100.0

(b) Analysis of Clinic Attendances according to No. of Live and Stillbirth
(excluding abortions)

<i>No. of live & still births</i>	<i>No. of Women</i>	<i>% of Total Attendances</i>
0	221	43.3
1	71	13.9
2	125	24.2
3	60	11.7
4	24	4.8
5	10	1.9
Over 5	1	0.2
TOTAL	512	100.0

(c) No. of Women taking oral contraceptives—148

(28.9% of total attendance)

(d) No. of women presenting with symptoms—147

(27.0% of those attending)

(e) No. of women presenting with no symptoms—365

(73.0% of those attending)

ANN RHYS
Senior Medical Officer

Report by Dr. Beryl Thomas

1. Notification of Congenital Defects apparent at birth

Cases of congenital defects apparent at birth were notified to the General Registrar Office each month during the year : The total number of abnormalities reported was 19 and the analysis of these cases is as follows :

- | | | |
|--|---|-----------|
| 1. Abnormalities of the central nervous system : | | |
| (a) Anencephalus | 1 | } Total 3 |
| (b) Spina bifida and hydrocephalus | 1 | |
| (c) Hydrocephalus and multiple abnormalities | 1 | |
| 2. Cleft palate—2 | | |
| 3. Congenital Dislocation of Hip—1 | | |
| 4. Deformities of feet—6 | | |
| 5. Deformities of Hands—2 | | |
| 6. Abnormality of Urinary Tract—1 | | |
| 7. Other minor abnormalities—4 | | |

These cases do not represent the total number of children likely to be handicapped later in life because the majority of handicaps do not become obvious for many months or years. Other conditions may be acquired later by illness or accident.

The Handicapped Child

(a) **Infants.** The most common single serious handicap occurring in children in Cardiganshire is mental subnormality and few babies would be diagnosed as suffering from this at birth. However, it is known that certain hazards which may occur in pregnancy and during the perinatal period, can cause mental or physical handicap later in life. When it is known that a baby has been exposed to such an adverse factor, the baby is considered to be 'at risk' of developing a handicap. A register of all these babies, and those who have serious illnesses or accidents in infancy is being built up, in the hope that if a baby does develop a handicapping condition, it will be recognised early and appropriate help given to the family. Follow up reports on babies on the 'at risk' and handicapped registers are obtained at least twice a year.

(b) **The Handicapped Schoolchild.** Legislative changes which occurred during 1970 and 1971 will significantly effect the social and educational welfare of handicapped children and adults. These include the Chronic Sick and Disabled Act, and the Local Authorities (Social Services) Act, but as far as handicapped children are concerned, perhaps the most important single change was the amendment of the Education Act by which the Local Education Authority became responsible for the education of all children, however, handicapped they might be. It is likely that Education Authorities will be able to provide a wider range of Educational facilities for handicapped schoolchildren and that many of these children can be integrated into ordinary schools, either as individuals in ordinary classes or in special attached classes. It seems certain that during the next decade, the educational opportunities for all handicapped children will be greatly improved. In this County, during 1971, a subcommittee of the Education Committee was set up which will be known as the Special Services Committee. This Sub-Committee consists of members and officers of the Education, Health and Social Services Committees and it will be concerned with the education of all Physically, mentally and socially handicapped children in the County.

Also during the year, officers of the three Departments met about once a term to discuss individual handicapped children in the County.

Child Health Service

A new system for referral of school children to specialist officers of the Department, came into operation in April 1971. It gradually built up and by the end of the year 90 children had been referred in this way, to the speech therapist, audiometrician, psychiatrist and psychologist, etc.

BERYL THOMAS,
Deputy County Medical Officer

Fluoridation of Water Supplies

Few items have received such long and detailed discussion by the Health Committee as the fluoridation of water supplies. The convictions of both sides are firmly held and I personally see little likelihood of any change of view in the near future despite the request of the Cardiganshire Health Executive Council for a change of heart.

Incontinence Pads

Incontinence pads are provided to all nursing cases where they are required. The application is made through the district nurse or health visitor.

18,091 have been used in domiciliary and welfare homes cases during the year.

Section 11—VENEREAL DISEASES

Venereal disease clinics to serve the north of the county are held at the General Hospital, Aberystwyth, and for the south at Glangwili Hospital, Carmarthen. Some south Cardiganshire cases are also treated at Swansea.

The number of cases of venereal infection and other conditions treated at hospital clinics is shown below. How many cases are treated by their general practitioners is not known but owing to the distance from parts of Cardiganshire to either Bronglais or Glangwili Hospitals and to the poor or non-existent public transport services in the evenings in particular it would be surprising if there were none.

Few requests have been received from the consultant venerologists for contact tracing. Whether this implies that the sources of infection lie outside Cardiganshire is open to argument!

As the extent of the problem is small the health education efforts have been commensurate.

The details of the cases dealt with for the first time in 1971 are as follows :—

Number of New Cases in the Year

Total of venereal and other conditions	Syphilis		Gonorrhoea	Other Conditions
	Primary & Secondary	Other		
72	—	1	12	59

Section 12—MISCELLANEOUS MEDICAL EXAMINATIONS

The Health Department carried out a large number of medical examinations during the year. These were undertaken for a variety of reasons. All new entrants to the superannuation scheme were examined as were all roadmen qualifying for admission to the Sick Pay Scheme. Entrants to Training Colleges were also examined and these numbered eighty six. All Mid-Day Meal staff were submitted to examination. A number of examinations were carried out on behalf of other local authorities on a reciprocal basis.

All applicants for school transport on medical grounds, school absentees, handicapped pupils in various categories, and children applying for the deferment of the Non Verbal Intelligence Test on health grounds were examined. Details of the examinations carried out are given in the ensuing table :

Routine medical examinations of children at Peterwell Home and Cartrefle and Erw Lôn Family Units were carried out by medical officers of the Department. Boarded out children were also examined in the manner prescribed by statute. Close contact is kept with the Director of Social Services, on the one hand, and with practitioners providing the children with general medical services, on the other.

Medical Examinations for 1971

<i>County Council Staff :</i>				
Agricultural College	...	...	7	
Architect's	...	...	6	
Clerk's	...	...	8	
College of Librarianship	...	...	12	
County Library	...	...	1	
Education	...	...	97	
Health	...	...	12	
Llanbadarn Fawr Colleges				
(Catering Services)	...	...	16	
Local Taxation	...	...	1	
Planning	...	...	3	
Social Services	...	...	23	
Surveyor's	...	...	8	
Treasurer's	...	...	8	
Police and Fire Service	...	...	20	
				222
Trainees	...	...	...	86
Other Local Authorities	...	...	...	16
				324

Section 13—CHIROPODY SERVICE

The Chiropody Service in Cardiganshire is administered by the Social Services Committee.

Section 14—MENTAL HEALTH

Report of Dr. A. Rhys, Senior Medical Officer in Charge of Mental Health

The Department of Social Services is now responsible for the administration of the Community Mental Health Services.

Admissions to hospital (in particular compulsory admissions) continued to be clinically supervised by the Medical Officer in charge from the Health Department. During the year there were twenty-seven compulsory admissions under Section 29 of the Mental Health Act, eight under Section 25, and one under Section 26. Admission rate did not vary much from the previous year; viz., Informal admissions—ninety-one as compared with ninety-six in 1970, Compulsory admissions—thirty-seven as compared with thirty-six in 1970. Psychiatric advice was also given as to the suitability for transfer of geriatric cases (from their homes, welfare accommodation and geriatric hospital) to the Psychogeriatric Unit at Tregaron or to St. David's Hospital.

Bryntirion Home, Tregaron

We were fortunate this year again in that Matron consented to continue in charge until a suitable replacement was found for her.

At the beginning of the year there were thirty-four residents in Bryntirion, this figure remained fairly constant throughout the year.

There were sixteen admissions during the year, viz.,

		<i>Males</i>	<i>Females</i>	<i>Total</i>
From—				
Own Homes	...	0	4	4
Glangwili Hospital	...	0	1	1
St. David's Hospital	...	3	1	4
Geriatric Hospital	...	0	2	2
Welfare Homes	...	0	4	4
Nursing Home (Swansea)...		0	1	1
TOTAL	...	3	13	16

During the period two cases were discharged home, four were discharged to Mental and Geriatric Hospitals and four were discharged to Welfare Homes. There were seven deaths.

The age distribution of the residents at the end of the year was as follows :—

<i>Age Group</i>		<i>Males</i>	<i>Females</i>	<i>Total</i>
Under 65	...	2	2	4
65—70	...	2	1	3
70—75	...	2	2	4
75—80	...	1	11	12
80—85	...	0	9	9
Over 85	...	0	2	2
TOTAL		7	27	34

Ysgol Brynaeron

The Education Department is now in charge of Ysgol Brynaeron. Special medical supervision of pupils continued to be carried out, as well as screening of new entrants and regular reassessments of pupils. It was encouraging to see that some pupils had made considerable progress during the year. Indeed, one of the pupils was transferred to Highmead Residential Special School during the year.

Shopping expeditions (by public transport) and trips to the beach were arranged, and social contact with the community was encouraged. During the summer term members of the staff took three groups of pupils on holiday to Butlins Holiday Camp (Barry), Pengwern Hall, Rhuddlan, and the Hodge Holiday Home near Cowbridge.

Voluntary Agencies

Both Ysgol Bronaeron and Bryntirion Home acknowledge the help given them by voluntary agencies. We are grateful to all those who visited the residents and pupils, to those who arranged outings for them, and to those who, by their efforts, helped to make available money for the use of the patients and pupils.

A. RHYS,
Senior Medical Officer in charge of Mental Health

Section 15—SANITARY CIRCUMSTANCES

Report of Mr. Evan Richards, County Public Health Inspector

Milk (Special Designations) Regulations, 1963

The duties imposed on the County Council under these Regulations are :—

- (i) the licensing and supervision of milk pasteurising plants,
- (ii) the licensing of dairies where milk is bottled other than at the place of production, and
- (iii) the granting of licences to retail milk which has been bottled at other premises and is obtained pre-packed by these retailers.

The County Council has delegated the work to the Health Committee and the Order is administered as follows :—

- (i) The certification of premises and the supervision of the handling, treatment and bottling is carried out by the County Public Health Inspector.
- (ii) Routine samples of milk are taken by the Weights and Measures Inspectors at the same time as samples taken under the Food and Drugs Act.

The number of licences in force at the end of the year were as follows :—

1. No. of licensed pasteurising plants	...	...	...	...	1
2. No. of dairies where milk is bottled	...	...	...	...	10
3. No. of premises licensed for the re-sale of pre-packed milk	...	...	...	...	41

The only pasteurising plant is at the Milk Marketing Board's Creamery at Felinfach. This is a modern H.T.S.T. plant but is only used for the pasteurisation of milk for manufacturing purposes. During the year an approach was made to the Board asking them to consider installing a bottling plant at the Creamery to supply the

local retail trade rather than having to obtain supplies of heat-treated milk from Newtown and Swansea, but this suggestion was rejected as it would not be an economically viable proposition. Twenty-three visits were made during the year to check the pasteurising arrangements and all samples satisfied the phosphatase test for adequacy of pasteurisation.

Diseases of Animals

Under Section 31 of the Food and Drugs Act, 1955, it is forbidden for any person knowingly to sell milk from any cow suffering from tuberculosis, infection of the udder, anthrax or foot-and-mouth disease. It is the duty of the County Council to enforce these restrictions and for that purpose there is close liaison with the Animal Health Division of the Ministry of Agriculture, Fisheries and Food, whose Veterinary Inspectors inform the County Medical Officer of possible sources of infection discovered at routine clinical examination of the herds.

Twenty-two cases of sudden deaths of animals were notified during the year, and one of these was confirmed as being due to Anthrax. The carcase was disposed of by burning and the premises disinfected in accordance with the Anthrax Order 1938, under the supervision of the Diseases of Animals Inspector.

A number of notifications were also received from the Divisional Veterinary Officer of Salmonella Dublin recovered from bovine samples examined at the Veterinary Investigation Laboratory, but no cases of the disease amongst humans were notified which could be attributed to these sources.

In accordance with Circular 17/66 from the Welsh Board of Health on brucellosis a total of 228 milk samples from retail purveyors and schools supplied were submitted to the Public Health Laboratories for examination for Br. abortus infection. A number were reported as being positive when examined by the Ring Test, but in each case subsequent tests proved to be negative, showing that the positive Ring Test result was due to inoculation of the cattle with S.19.

In April, 1971, the Minister of Agriculture, Fisheries and Food by the Brucellosis (Eradication Area) (England and Wales) Order declared the major part of the County to be an eradication area for the control of brucellosis as the Minister was satisfied that a substantial majority of the cattle therein were free from brucellosis. By a subsequent Order which came into force on 1st November further restrictions were introduced prohibiting the movement of cattle into the area and making ancillary provisions designed to prevent the introduction or spreading of disease. At the end of the year there were 591 herds fully accredited under the Brucellosis Accredited Scheme, and a further 1850 herds were in various stages of testing.

Infectious Disease

The Table on page 12 shows the incidence of infectious diseases notified by local authority areas, from which it will be seen that the county continued to be free from any of the major infectious diseases.

Tuberculosis

During the year 18 new cases of tuberculosis were notified by the Chest Physician, 12 being respiratory tuberculosis and the other 6 being non-respiratory.

Each new case is investigated as to the environmental conditions at the home, in order to prevent the spread of infection, and any adverse conditions are reported to the District Medical Officer of Health for action by the local Sanitary Authority. Similar action is taken when a person is discharged from hospital. Premises and clothing are disinfected after admission of respiratory cases to hospital and also in the event of a death at home.

The figures of new cases notified for the first time in each year since 1952 are given below :

<i>Year</i>	<i>New Cases</i>		<i>No. of Deaths</i>	
	<i>Respiratory</i>	<i>Non-Respiratory</i>	<i>Respiratory</i>	<i>Non-Respiratory</i>
1952	36	7	12	3
1953	47	2	14	1
1954	44	7	5	2
1955	37	5	4	1
1956	43	8	9	2
1957	35	8	6	1
1958	29	3	2	Nil
1959	30	8	5	Nil
1960	25	6	8	2
1961	33	5	8	Nil
1962	18	7	1	1
1963	23	5	1	1
1964	17	5	4	2
1965	14	9	3	Nil
1966	17	3	2	1
1967	18	2	4	Nil
1968	15	1	1	Nil
1969	12	3	2	1
1970	9	3	1	Nil
1971	12	6	Nil	Nil

Housing

Under Section 116 of the Housing Act, 1957, it is the duty of the County Council to have constant regard to housing conditions in each rural district within its area with particular reference to overcrowding and other unsatisfactory housing conditions. It has also to see that sufficient steps are being taken by the district authorities to remedy these conditions and to provide additional housing. These functions can briefly be divided into (a) the building of new houses to let, (b) the improvement of existing houses, and (c) condemnation or the serving of Closing Orders on unfit houses.

New Housing

The following table shows the number of new dwellings erected by the various authorities during the year and also since the end of the last war :—

NEW HOUSES BUILT FROM 1945 TO 31.12.71

	<i>Local Authority Houses</i>			<i>Privately Built Houses</i>		
	No. under construction at 31.12.71	No. completed in 1971	No. completed since 1945	No. under construction at 31.12.71	No. completed in 1971	No. completed since 1945
Aberystwyth Borough	31	16	515	—	20	179
Cardigan Borough ...	48	—	357	7	4	214
Lampeter Borough ...	58	—	131	1	2	87
Aberaeron Urban ...	—	—	84	1	4	64
New Quay Urban ...	—	—	34	4	—	45
Aberaeron Rural ...	18	—	430	38	7	240
Aberystwyth Rural ...	—	53	478	74	62	913
Teifside Rural ...	87	14	633	54	8	398
Tregaron Rural ...	28	33	156	11	10	109
Whole County ...	270	116	2,818	190	117	2,249

In addition to the figures given above tenders had been accepted before the end of the year for the building of a further 4 dwellings by Aberystwyth Borough Council.

Housing Improvement Grants

During the latter part of the year the Government increased the maximum amount of grant towards house improvements from 50% to 75% of the approved costs so that the maximum grant is now up to £1,500 for discretionary grants and up to £675 for standard grants where only a bathroom is added to an existing house. This increase was made in development areas only and was made to “boost” the house improvement programme of these areas and it is a condition of these increased grants that the work has to be finished before 23rd June, 1973.

The increased grant has resulted in a considerable increase in the number of applications approved by the four district councils and because of this it is almost certain that a fairly substantial proportion of the approved schemes will not be completed in time because the local building force will not be able to cope with the work.

The following table shows the number of grants approved by the four rural district councils during 1971 :—

<i>Name of Authority</i>	<i>Number of discretionary grants approved</i>	<i>Number of standard grants approved</i>	TOTAL
Aberaeron R.D.C.	... 37	29	66
Aberystwyth R.D.C.	... 79	34	113
Teifside R.D.C.	... 70	28	98
Tregaron R.D.C.	... 30	33	63

There are no slum areas within the county so that no action is necessary for slum clearance as is the case in the larger urban and industrial areas, but even so, there are still a number of individual unfit houses in the rural areas. In many cases the houses are subject to rent restriction and are uneconomic propositions to the landlords to spend considerable sums of money on repairing them. Whenever such properties become vacant either on the death of the occupant, or the family being re-housed, the local authority serve either a Demolition Order or a Closing Order on the property.

No accurate figures of the present number of unfit houses are available as the last realistic survey was made fifteen years ago and those figures are constantly changing because many old houses are purchased for holiday and retirement purposes and are completely renovated and provided with modern conveniences.

The following table shows the number of demolition or closing orders served by the four Rural District Councils during the year and also the total number since 1955 :—

<i>Name of Authority</i>	<i>Estimated No. of houses in district</i>	<i>No. closed or demolished in 1971</i>	<i>Total No. closed or demolished since 1955</i>
Aberaeron R.D.C. ...	3,550	—	129
Aberystwyth R.D.C.	4,850	5	68
Teifside R.D.C. ...	4,100	—	24
Tregaron R.D.C. ...	1,800	1	47

Rural Water Supplies and Sewerage Acts, 1944—1965

Under the provisions of these Acts local authorities are required to provide a supply of wholesome water in pipes to every rural locality in which there are houses or schools. In order to enable this to be done the Ministry of Housing and Local Government makes grants available towards the cost of such works as the expense of providing either a piped water supply or a sewerage scheme is considerably greater in rural areas with a scattered population than in a built-up urban area.

The Act requires that where a local sanitary authority or a joint board apply for a Ministry grant the proposals have to be referred to the County Council for their observations and such observations are considered by the Ministry before approving schemes. Where a Ministry grant is made, the County Council is likewise required to make a grant, and it is the County Council's policy to grant the equivalent of 50 per cent of the Ministry grant.

No new applications were received during the year.

Sewerage Schemes

During the year work proceeded on the following schemes which had previously been approved but which had been held up on account of financial restrictions :—

1. Work commenced on the Tregaron sewerage and sewerage disposal scheme at a cost of £187,000, and by the end of the year the new disposal works were nearing completion. Work is now proceeding on the laying of the sewers.
2. Work commenced on the Verwig sewerage scheme by the Teifiside R.D.C., and the scheme is now almost complete.
3. The Ffostrasol sewerage scheme was completed by the Teifiside R.D.C.
4. Work commenced on the joint sewerage scheme for Aberbanc, Penrhiwllan and Croesllan by the Teifiside R.D.C.
5. Work continued on the Pennant sewerage scheme by the Aberaeron R.D.C.
6. Work continued on the Cellan sewerage scheme by the Aberaeron R.D.C., and work commenced on the new pumping station.
7. Work commenced on the Drefach and Llanwenog sewerage scheme by the Aberaeron R.D.C.
8. Preparatory work in connection with the proposed Gilfachrheda regional sewerage disposal scheme was carried out by the Aberaeron R.D.C., and it is expected that a major part of the submarine outfall will be carried out during this summer. This scheme when completed will serve the whole of the rural area around New Quay and will extend as far as Synod Inn and Llanarth.
9. Work commenced on the scheme costing £270,000 for the joint sewerage scheme for Bow Street, Llandre and Penrhyncoch by the Aberystwyth R.D.C. and work is now proceeding on the laying of the sewers.

EVAN RICHARDS,
County Public Health Inspector

CARDIGANSHIRE EDUCATION COMMITTEE

ANNUAL REPORT

of the

PRINCIPAL SCHOOL MEDICAL OFFICER

for the year

1971

To the Chairman and Members of the Education Committee

I have pleasure in presenting the Annual Report for the year which ended December 31st, 1971.

The appointment of a full-time psychologist seemed nearer fruition at the end of the calendar year. The Education Committee had also recommended the appointment of an additional speech therapist having been influenced by the fact that the waiting list amounted to 250 pupils.

The mobile dental unit remained static during 1971 as it had to assume the role of permanent clinic at Cardigan during the demolition of the old clinic building and the erection of a health centre. In the spring of 1972 it should be able to assume the more peripatetic role which it was intended to play in the south of the county in particular.

The hardy perennial—whether the second consultant paediatrician should be based at Aberystwyth rather than with his colleague at Carmarthen—seems to have been resolved, for the time being at any rate, in favour of Carmarthen. But the Hospital Board's Paediatric Adviser holds out hope in the not too distant future for a further consultant appointment based at Aberystwyth.

What the future holds in store for the School Health Service no one seems as yet to know but no doubt the government will enlighten us before the appointed day.

A more detailed account of the school health work is given in the ensuing pages.

I. MORGAN WATKIN,

Principal School Medical Officer

REPORT OF Mr. W. D. PERCIVAL EVANS

PRINCIPAL SCHOOL DENTAL OFFICER

I submit herewith, Mr. Chairman, my fortieth report on the School Dental Service for the year ended 31st December, 1971.

The routine inspection of school children continued as usual throughout the year although the Department was handicapped for some time by sickness amongst some members of the staff.

During the year Mr. Arfon Williams, one of the Dental Officers from the Welsh Office, paid a week's visit of inspection to Cardiganshire. He was shown our Clinics throughout the County and our Mobile Clinic and before leaving the County Medical Officer had a long discussion with him about matters affecting the dental health of school children.

The Mobile Clinic is now in use and it with its modern equipment and facilities is a great improvement for carrying out treatment in class rooms of the schools.

The new Health Centre in Cardigan is now almost ready, and soon it will be available for treating the children of that area with modern equipment and good facilities. It will also release the Mobile Dental Clinic for use in the more rural areas.

Public enlightenment is an important factor for the improvement of the nation's teeth and instruction in the care of the teeth offers some measure of help in their preservation. Tooth cleaning drill is on the increase in the Cardiganshire schools. The Authority has supplied tooth cleaning packs and the oral hygiene service has also helped, it must also be stated that the teachers are doing very much to assist in making the project a success.

The Medical Officers and Dental Officers are doing what they can in the field of Dental Health Education but of course more could be done if the Authority possessed a Health Education Officer.

A table showing treatment carried out by the Dental Officers can be seen in the tables at the end of the Medical Officer's report.

W. D. PERCIVAL EVANS,

Principal School Dental Officer

REPORT OF MR. EVAN RICHARDS

COUNTY PUBLIC HEALTH INSPECTOR

Milk-in-Schools Scheme

All primary schools in the county continued to be supplied with drinking milk throughout the year. Whenever possible the Education Committee tries to obtain a supply of pasteurised milk but in some of the rural areas this is impossible and an alternative supply of untreated milk has to be accepted. All contracts under the scheme are subject to the approval of the Principal School Medical Officer in accordance with the Provision of Milk and Meals Regulations, 1945, and all premises and sources of supply are investigated before a new supply is approved.

The classification of the supplies to the 108 schools and other establishments covered by the scheme at the end of the year were as follows :—

No. receiving pasteurised milk in one-third pint bottles	...	...	85
No. receiving untreated milk in one-third pint bottles	...	...	16
No. receiving untreated milk in bulk containers	...	...	7

During the year 183 visits were made to dairies, farms and schools in connection with this work. Samples of the milk are tested at the Public Health Laboratory at the Aberystwyth Hospital. 63 samples of untreated milk were tested for evidence of Brucellosis but all of these proved satisfactory.

Infectious Diseases

As will be seen from the table on page 12 there were no outbreaks of infectious disease or of food poisoning at any of the schools during the year other than the normal minor outbreaks of the usual children's diseases such as measles.

School Kitchens and Canteens

During the year 192 visits were made to the various schools kitchens and canteens for the purpose of checking on the food supplied thereto and that at the same time to check on the general standard of hygiene within the premises with reference to the Food Hygiene Regulations, 1960.

The general standard of hygiene continues to be satisfactory and whenever any minor breaches are found with either the equipment or the premises these are taken up with the School Meals Organiser and the County Architect. During the year the kitchens at Aberporth C.P. School and the Lampeter Secondary School were completely remodelled and improvements were carried out at the kitchens of Aberaeron C.P. School, Commins Coch C.P. School, Penparcau C.P. School, Llanddewi Brefi C.P. School, Trewen C.P. School and Swyddffynnon C.P. School.

No cases of food poisoning were reported from any of the schools during the year

School Water Supplies and Sewage Disposal

All the schools in the county are now connected to the mains network of the Cardiganshire Water Board and all the supplies are chlorinated at source, and all schools are provided with modern sanitary conveniences connected either to private septic tanks or to a public sewer wherever such is available.

EVAN RICHARDS,
County Public Health Inspector

SCHOOL PSYCHOLOGICAL SERVICE

Report of Dr. Cyril James, Consultant Educational Psychologist

The Cardiganshire Schools Psychological Service is closely co-ordinated with the Education, Health and Social Services in the manner described in previous reports and along the lines favoured by the British Psychological Society in so far as there is a general service which deals with the problems from the schools as opposed to the more pressing difficulties referred by parents themselves.

Success depends on maintaining close liaison with the schools through direct association with the psychologist and the remedial teacher. The curriculum and methodology of the schools is suited to the varying needs of the handicapped child particularly in the new designated classes which have recently been established. In this manner one has sought to stimulate both the slow and the quick children in order to enhance their maturational development at various levels of reasoning.

Both preventive and remedial measures are undertaken to afford every child the opportunity of making progress in the educational and social spheres; the modification of parental attitudes in respect of mental health is achieved through association with the psychiatrist and the psychiatric social worker. Furthermore, the relationship with the home is strengthened by the close liaison between head-teacher and parents: this is particularly true in the rural areas where the schools are small and the children receive individual attention. Similarly the psychologist is not "clinic bound" but has a far wider concept of assessment and guidance in so far as he examines children not only in the clinic, but also in the home and in the school. Through such serial assessments a more systemised social picture is obtained of the factors operating in the child's background. Many children improve when such factors are favourably modified.

The following are details of children examined by the Consultant Psychologist during the year 1971 in clinics as well as during school and domiciliary visits.

The placement of such children will depend on the "defects" facilities available. Thus it is the policy of the Cardiganshire Education Committee to make facilities available locally rather than transfer a child to a strange community where he might feel rootless and alienated. It has been noticed that during the year there have been signs of a subtle change of emphasis in favour of making provision for the handicapped children. This in turn has had a good effect on the schools because they have been relieved of certain pressures with which a handicapped personality is associated.

Table I—PSYCHOLOGICAL DIAGNOSTIC EXAMINATIONS

	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
(i) Educationally			
(a) Retarded	10	1	11
(b) Backward	6	3	9
(c) Dull	6	1	7
(ii) Subnormal (unsuitable for education at school)	—	2	2
(iii) Maladjusted (wholly)	2	1	3
(iv) For Educational Guidance	—	—	—
(v) Gifted Pupils	1	—	1
*Total	25	8	33

(*In addition a number of boys and girls were examined by Dr. Clive Williams on a sessional basis).

A variety of recommendations were made by the Psychologist in consultation with the County Medical Officer and with the medical Consultants of the Welsh Hospital Board.

Table II
RECOMMENDATIONS FOR SPECIAL EDUCATIONAL TREATMENT

	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Residential Special School E.S.N. Highmead	4	1	5
Day Special School (Bronaeron)	—	2	2
Designated Class (ordinary school)	12	4	16
Ordinary School (observation)	16	5	21
Remedial Teaching	12	3	15
Medical opinion	19	8	27
Ophthalmic	—	2	2
Orthopaedic	—	1	1
Audiometric	1	—	1
Speech Therapy... ..	4	—	4
Psychiatric Referral	6	2	8
Paediatric Referral	4	—	4
Neurological	—	—	—
Vocational Guidance*	1	—	1
Educational Guidance	1	—	1
Boarding Education	—	—	—
Hospital Special Units	—	—	—
Home Tuition	—	—	—

* *Vocational Guidance* : Children who leave Highmead Residential Special School are referred to the Careers Officers of their respective Counties where arrangements are made for pupils to be interviewed for job placement in their penultimate term at school and during the vacation.

In addition to the above examinations and recommendations children referred for treatment by the psychologist and his consultant colleagues in previous years are also kept under review.

A careful series of screening procedures in respect of pupils who require special educational treatment have gradually been instituted over the years in keeping with the growing sophistication of teachers in the techniques of testing by means of standardised procedures.

These surveys and examinations form a series of eliminating sieves which serve to concentrate those children who require help in the channel which finally leads them to a designated class or to a Residential Special School—although, it goes without saying, the aim of the Local Education Authority is, as far as possible, to make provision locally. These procedures include :

- (i) Pre School Medical and auxiliary staff surveys.
- (ii) Procedural arrangements with Welsh Hospital Board Consultants.
- (iii) School Assessments allied with a Handicapped Pupils' Return.
- (iv) Remedial Education Assessments.
- (v) School Medical Inspections and Examinations.
- (vi) Psychiatric Examinations (and other consultants).
- (vii) Psychologist's examinations.

The policy has been, as indicated above, to deal with as many handicapped pupils locally in their own environment and to transfer to Highmead Residential Special School on such pupils who tend to have sociological difficulties and who therefore require more long-term supportive education. The exception is, of course, that a certain number of severely handicapped pupils who are deaf or blind do require more specialised teaching other than within the County.

In order to further this policy, during the Autumn Term 1970 six new "designated classes" were established in addition to the one at Cardigan County Primary School. Six of the classes cater for children on an area basis and they attend full time. The seventh teacher is employed on a peripatetic basis visiting Llanarth, New Quay and Aberaeron Schools. The other centres are based strategically throughout the County at the following primary schools :

- | | |
|--------------|-------------------------------|
| 1. Cardigan | 4. Lampeter |
| 2. Beulah | 5. Tregaron |
| 3. Llandysul | 6. Aberystwyth (Ysgol Gymraeg |

The children who attend these classes are basically E.S.N. (Dull) with an I.Q. Range of 50—70+ but who also suffer from acute sociological difficulties. During the day the children in these designated classes are integrated with the rest of the school whilst the teachers work in close liaison with the School Health and Psychological Services.

The following children were assessed by headteachers and referred for Special Educational Treatment through the Handicapped Pupils Return for 1970-71.

Table III

SURVEY OF PUPILS DEEMED PROVISIONALLY TO REQUIRE S.E.T.

				<i>All Age Groups</i>		
				<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Subnormal ...	...			20	5	25
Dull ...	...			25	14	39
Backward ...	...			72	32	104
Retarded ...	...			21	11	32
Maladjusted ...	...			4	3	7
Unclassified				—	—	—
Total ...	...			142	65	207

Table IV
S.E.T. AT HIGHMEAD RESIDENTIAL SPECIAL SCHOOL FOR E.S.N. PUPILS

	<i>Admissions 1971</i>			<i>Discharges 1971</i>			<i>Resident 31.12.71</i>		
	<i>Boys</i>	<i>Girls</i>	<i>Total</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Cardiganshire	2	1	3	2	3	5	12	5	17
Carmarthenshire	8	6	14	5	8	13	34	26	60
Pembrokeshire	2	1	3	2	3	5	20	5	25
Out/County	—	—	—	—	—	—	—	—	—
Total	12	8	20	9	14	23	66	36	102

Total on Roll—31st December, 1970—105 including 2 Cardiganshire day pupils
and 1 Carmarthenshire day pupil

Total on Roll—31st December, 1971—102 (36 girls and 66 boys)

As indicated in previous reports the climate of opinion is gradually moving slowly in favour of making greater provision for the handicapped particularly the educationally subnormal who are less able when adult to cope with the pressures of modern life. It is now realised that not only pupils have difficulty in coping with their increasingly complex environment but the parents too have their own difficulties. Thus entrants to Highmead R.S.S. are more ontologically secure if they receive early help for their later learning can be greatly enhanced by the assimilation of concepts at the right maturational age and level of reasoning. The sophisticated procedure for the transfer of pupils from primary to secondary schools, particularly in Carmarthenshire has also helped to highlight the problem of the handicapped as well as facilitate the discovery of the 'slower stream' who require Special Educational Treatment in the ordinary Secondary Modern or Comprehensive School.

The majority of pupils are making relatively satisfactory progress at Highmead when account is taken of their mental limitations. The sympathy and benevolent discipline of the staff help to ensure their educational and social development. Parents are encouraged to keep in touch with their children and arrange for weekend leave.

Highmead School leavers obtain jobs although a small number, as a result of personality defects, are unable to hold them for any length of time. In this respect there is a need to establish a Sheltered Workshop with ancillary facilities for Further Education and Community Care. It is assumed that the Department of Social Services will make more provision for the physically and mentally handicapped adult. Such matters have been discussed by the psychologist with the Careers Officers of the three counties. Concern has also been expressed at the Welsh Hospital Board Meetings held at Cardiff to co-ordinate the smooth transfer of the severely subnormal pupils from the health to the education department.

The psychologist continues to co-operate with the County Medical Officers and Consultant Psychiatrist in respect of pupils in order to ascertain and review their progress both in the ordinary and residential schools.

Table V—S.E.T. AT RESIDENTIAL SPECIAL SCHOOLS

	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Blind	—	—	—
Partially Blind	1	2	3
Deaf	1	1	2
Impaired Hearing	—	—	—
Delicate	—	—	—
Physically Handicapped	2	—	2
Maladjusted	2	1	3
Diabetic	—	—	—
Epileptic... ..	—	—	—
TOTAL	6	4	10

In respect of the above great progress has been made in planning for the establishment of a Residential Special School for Maladjusted pupils at Carmarthen. Such a school will be linked with supportive units at primary and secondary level as well as with such facilities as are available at the Technical College and the College of Art.

Proposals are well advanced for the establishment of an Assessment Unit for the severely mentally handicapped children at Glangwili Hospital which will be linked with Special facilities for educational treatments.

There but remains the urgent need to establish a Diagnostic Unit at Carmarthen (similar to that at Llanelli) to co-ordinate the work of the Psychological Service and the Schools.

As far as Cardiganshire is concerned it is suggested that two "Multicap Centres" for handicapped children be established one in the north and the other in the south, of the County to strengthen facilities at the moment centred in Bronaeron. Such Centres should include :

- (i) Unit for all grades of "S.S.N. Pupil".
- (ii) Designated Unit for E.S.N. (Dull) Pupils (I.Q. 50—70).
- (iii) Remedial Unit for pupils of normal intelligence requiring S.E.T.
- (iv) Nursery (Pre School) provision for children (2—4 years) also may be handicapped.
- (v) Physiotherapy/Speech Therapy/Occupational Therapy/Medical Unit.
- (vi) Psychological Assessment Unit.

Facilities for the Special Educational Treatment of retarded pupils (that is to say pupils who are relatively intelligent but whose attainment, for various reasons, is not commensurate with their apparent academic aptitude) have been consolidated by the improvement of physical amenities in Aberystwyth where the Remedial Teacher Mr. Eklund does excellent work. He continues to work closely in liaison with the psychologist and as well as to visit the designated classes in the primary and secondary schools of the County under the aegis of the School Psychological Service.

Table VI

(i) S.E.T. AT REMEDIAL UNITS / DESIGNATED CLASSES

	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Transfer to Special Schools	1	—	1
Withdrawals (including left district) ...	7	10	17
Discharges	9	3	12
Total	17	13	30
	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Attending at December 1971 (Full-Time) ...	36	21	57
Attending at December 1971 (Part-Time) ...	18	13	31
Total	54	34	88

(ii) PUPILS RECEIVING S.E.T. AT REMEDIAL UNIT

	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Direct Referrals	47	33	80
Ascertained :			
Maladjusted	4	—	4
Retarded	6	1	7
Backward	7	5	12
Dull	6	5	11
S.S.N.	1	3	4
Total ...	71	47	118

(iii) Pupils receiving S.E.T. at Bronaeron Special School

	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Ascertained :			
Dull/S.S.N.	21	16	37
	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
Attending at December 1971	21	16	37

It is not considered necessary to repeat the catalogue of development which has taken place gradually over the last few years. It suffices to say that there is a rolling programme of improvement within the context of financial feasibility. (Please refer to Annual Report of the year 1970 for details)

The new units which are projected are supported by a broadly based School Psychological Services which is expanding gradually as the more enlightened attitude of the public begins to realize the value of the need for assessment and treatment.

Thus by dovetailing school records (including the results of various surveys with clinical, educational, psychological assessments and case histories) it has become possible, through the School Psychological Service to facilitate the provision of a variety of types of education for different categories of (handicapped) pupils in such a manner that most children ranging from the quick to the slow learner as well as the physically handicapped have an equal opportunity of profiting from an education suited to the particular stage of their functional development physically, mentally and socially.

In respect of the latter the co-operation of the Mental Health Section of the Health Department has been particularly appreciated especially the work of the health visitors and the Psychiatric Social Worker who work in association with the Consultants of the Welsh Board of Health.

In brief, there has been close liaison between the School Psychological Service, the School Health Service and the Department of Social Service as well as with the schools themselves, whilst both the statutory services of the Local Authority and the Welsh Hospital Board (where officers meetings have taken place) together with the Consultant Psychiatrist have all played their part in fostering the educational, mental health and general welfare of the children—both the fit and the handicapped—through an integrated and comprehensive approach to their problems.

CYRIL JAMES, B.A., M.ED., PH.D., M.I.S.W., F.B.P.S.S.

Consultant Educational Psychologist

REPORT OF THE HEAD-TEACHER OF SPECIAL EDUCATION

In the autumn term 1970 six new designated classes were established in addition to the one at Cardigan Primary School. Six of the classes cater for children on an area basis, and they attend the unit full time. The seventh teacher is employed on a peripatetic basis visiting Llanarth, New Quay and Aberaeron Schools. The children attending these classes are basically E.S.N. dull and also suffer social difficulties. The Centres are based at the following Primary Schools: Cardigan, Beulah, Llandysul, Lampeter, Tregaron and Aberystwyth (Ysgol Gymraeg). The children at the designated classes are integrated during part of the day with the rest of the school, whilst the teachers are in close liaison with the school medical and psychological services.

P. W. EKLUND, C.M., D.T.H.C.

REPORT OF Mrs. J. E. HOLDING, SPEECH THERAPIST

This year sees the waiting list for treatment higher than in any previous year, even though more children have been treated than in previous years.

However, the proposed appointment of a second speech therapist should help to alleviate this problem and one would hope that in another twelve months' time the problem may be under control though not solved.

The appointing of another speech therapist will mean that clinics in the county may be rearranged thus reducing the amount of travelling both for the officers and the children.

The following details relate to pupils treated and awaiting treatment during the year.

Waiting List	...	...	250
Discharged	...	...	83
Undergoing treatment		...	104
Total seen ...	...	...	187

J. E. HOLDING, L.C.S.T.,
Speech Therapist

REPORT OF Mrs. BERYL SMITH, AUDIOMETRICIAN

Screening tests have now taken place in all the Primary Schools in the County, and revisiting has begun.

Mr. Morgan, the Ear, Nose and Throat Specialist, has seen a large number of children who have either had surgery or been put on the waiting list.

Clinics are held once a week in Aberystwyth Clinic and will be held in Cardigan when the New Health Centre opens.

BERYL SMITH, S.R.N.
Audiometrician

**Part I—MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED
AND ASSISTED PRIMARY AND SECONDARY SCHOOLS
(INCLUDING NURSERY AND SPECIAL SCHOOLS)**

Table A—PERIODIC MEDICAL INSPECTIONS

**Number of Pupils on Registers of Maintained Primary and Secondary Schools in
January, 1972 ... 9,641.**

Age Groups Inspected (By year of Birth)	No. of Pupils who have received a full medical examination	PHYSICAL CONDITION OF PUPILS INSPECTED		No. of Pupils found not to warrant a medical examination	Pupils found to require treatment (excluding dental diseases and infestation with vermin)		
		Satisfactory	Unsatisfactory		for defective vision (excluding squint)	for any other conditions recorded at Part II	Total individual pupils
		No.	No.				
1967 and later	40	40	—	—	6	19	20
1966	536	536	—	—	78	210	247
1965	480	480	—	—	74	191	222
1964	85	85	—	—	11	25	33
1963	59	59	—	—	7	17	24
1962	64	64	—	—	3	14	15
1961	444	444	—	—	55	123	168
1960	233	233	—	—	24	75	89
1959	47	47	—	—	6	19	24
1958	28	28	—	—	4	10	12
1957	347	347	—	—	44	93	127
1956 and earlier	356	356	—	—	34	92	123
TOTAL	2,719	2,719	—	—	346	888	1,104

100% of the pupils examined were found to be in a satisfactory physical condition, the percentage unsatisfactory being Nil %.

Table B—OTHER INSPECTIONS

Notes :—A special inspection is one that is carried out at the special request of a parent, doctor, nurse, teacher or other person.

A re-inspection is an inspection arising out of one of the periodic medical inspections or out of a special inspection.

Number of Special Inspections	...	...	...	52
Number of Re-inspections	...	...	...	752
				—
		Total	...	804
				—

Table C—INFESTATION WITH VERMIN

Notes :—All cases of infestation, however slight, are included in Table C.
The numbers recorded at (b), (c) and (d) relate to individual pupils, and not to instances of infestation.

(a) Total number of individual examinations of pupils in schools by the school nurses or other authorised persons	...	...	...	35,478
(b) Total number of individual pupils found to be infested	...	...	...	63
(c) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944)	...	...	...	Nil
(d) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	...	...	..	Nil

Part II—DEFECTS FOUND BY MEDICAL INSPECTION DURING THE YEAR

Table A—PERIODIC AND SPECIAL INSPECTIONS

Note :—All defects, including defects of pupils at Nursery and Special Schools, noted at periodic medical inspections are included in this Table, whether or not they are under treatment or observation at the time of the inspection. This Table includes separately the number of pupils found to require treatment (T) and the number of pupils found to require observation (O).

Defect Code No.	Defect or Disease	PERIODIC INSPECTIONS				Special Inspections
		Entrants	Leavers	Others	Total	
4	Skin	T 5	1	5	11	—
		O 55	27	30	112	1
5	Eyes— <i>a.</i> Vision	T 17	28	36	81	—
		O 121	36	69	226	1
	<i>b.</i> Squint	T 3	—	—	3	—
		O 11	1	4	16	—
	<i>c.</i> Other	T 1	—	2	3	—
		O 3	2	1	6	—
6	Ears— <i>a.</i> Hearing	T 13	3	6	22	—
		O 16	—	4	20	1
	<i>b.</i> Otitis Media	T 4	2	—	6	—
		O 41	6	5	52	—
	<i>c.</i> Other	T 1	—	—	1	—
		O 5	—	4	9	—
7	Nose and Throat	T 12	4	3	19	—
		O 74	18	14	106	1
8	Speech	T —	—	5	5	—
		O 5	—	14	19	—
9	Lymphatic Glands	T 2	1	1	4	—
		O 25	5	8	38	—
10	Heart	T 13	2	5	20	—
		O 23	18	20	61	—

Defect Code No.	Defect or Disease				PERIODIC INSPECTIONS				Special Inspections
					Entrants	Leavers	Others	Total	
11	Lungs 	T			2	1	—	3	—
		O			33	5	20	58	7
12	Developmental— <i>a.</i> Hernia ...	T			2	—	—	2	—
		O			8	1	2	11	—
	<i>b.</i> Other ...	T			3	6	11	20	—
		O			42	9	22	73	5
13	Orthopaedic— <i>a.</i> Posture ...	T			1	7	5	13	—
		O			3	9	10	22	—
	<i>b.</i> Feet 	T			9	2	10	21	—
		O			47	18	44	109	5
	<i>c.</i> Other... ...	T			5	11	1	17	—
		O			67	17	19	103	7
14	Nervous System— <i>a.</i> Epilepsy ...	T			—	—	—	—	—
		O			1	1	1	3	—
	<i>b.</i> Other ...	T			—	1	—	1	—
		O			3	1	3	7	—
15	Psychological— <i>a.</i> Development	T			1	—	2	3	—
		O			2	3	6	11	7
	<i>b.</i> Stability ...	T			1	—	—	1	—
		O			8	2	14	24	—
16	Abdomen 	T			3	—	2	5	—
		O			11	3	8	22	—
17	Other 	T			2	—	4	6	—
		O			10	29	25	64	3

**Part III—TREATMENT OF PUPILS ATTENDING MAINTAINED AND
ASSISTED PRIMARY AND SECONDARY SCHOOLS
(INCLUDING NURSERY AND SPECIAL SCHOOLS)**

Table A—Eye Diseases, Defective Vision and Squint

	Number of cases known to have been dealt with
External and other, excluding errors of refraction and squint	331
Errors of refraction (including squint) ...	24
Total	355
Number of pupils for whom spectacles were prescribed	25

Table B—Diseases and Defects of Ear, Nose and Throat

	Number of cases
Received operative treatment	
(a) for diseases of the ear	4
(b) for adenoids and chronic tonsillitis ...	100
(c) for other nose and throat conditions ...	17
Received other forms of treatment ...	—
Total	121
Total number of pupils in schools who are known to have been provided with hearing aids :	
*(a) in 1971	—
(b) in previous years	1

*A pupil recorded under (a) above is not recorded at (b) in respect of the supply of a hearing aid in a previous year.

Table C—Orthopaedic and Postural Defects

	Number of cases
(a) Pupils treated at clinics or out-patients departments	450
(b) Pupils treated at school for postural defects	—
Total	450

Table D—Diseases of the Skin

(excluding uncleanliness, for which see Table C of Part I)

	Number of cases known to have been treated
Ringworm—(a) Scalp ...	1
(b) Body ...	6
Scabies	17
Impetigo	30
Other skin diseases ...	17
Total	71

Table E—Child Guidance Treatment

	Number of Pupils
Treated at Child Guidance Clinics ...	74

Table F—Speech Therapy

	Number of cases
Pupils treated by speech therapist	187

Table G—Other Treatment Given

	Number of cases known to have been treated
(a) Pupils with minor ailments	—
(b) Pupils who received convalescent treatment under School Health Service arrangements	—
(c) Pupils who received B.C.G. vaccination ...	619
(d) Other than (a), (b) and (c) above ...	—
TOTAL	619

CHILD GUIDANCE CLINIC

Report of Dr. Evan Davies, Consultant Child Psychiatrist

Plans for forthcoming changes with resultant uncertainties characterised the previous year. The introduction of the New Social Services Department as envisaged under Seebohm took place early in the year while further plans for alteration of County boundaries and the establishment of Area Health Boards all indirectly affect the Child Guidance Service. It is perhaps unfortunate that no definite statement regarding the position of Child Guidance has yet been made by the Minister of Health and Social Security. However, if the Child Guidance Service is to continue in its traditional role offering diagnosis and treatment to its patients and providing an advisory service for other agencies it is essential that it should remain an independent service preserving its connection with other aspects of the health service under the umbrella of the Area Health Board.

It seems probable that uncertainties regarding the role of the clinic had adversely affected the referral rate which dropped to less than half of that of the preceding year. However, the reduction in numbers of new cases did offer the opportunity of treating a number of children in more depth than would otherwise have been possible. Mrs. Piette continued to provide valuable casework with the families of referred children. Gratitude must be expressed to the Social Services Department for permitting Mrs. Skerritt to deputize during Mrs. Piette's absence from the clinic. Psychological assessments were conducted by Dr. Clive Williams of the University Education Department.

While the majority of children were seen at Aberystwyth, monthly clinics continued to be held at Cardigan and Lampeter. A greater potential volume of work exists in Cardigan, but the pressure on the out-patient department at Cardigan Hospital prevents further expansion of clinic facilities there. It is hoped in the future to hold more frequent clinics in the New Health Centre in order that a better service to this area could be provided. It seems desirable that this clinic should also provide a service for the population of North Pembrokeshire who currently have to travel considerable distances to Haverfordwest. Such a rationalisation of service will be facilitated by the County Boundary re-organisation.

The treatment of adolescents continues to be hampered by the lack of sufficient residential accommodation. It is unfortunate that the proposed unit at St. David's Hospital has not yet become functional due to the lack of adequate numbers of Junior Staff in the hospital. It is to be hoped that this situation will improve in the near future.

Appreciation should be expressed for the continued assistance of the Health, Education, Probation and Social Services Departments for their co-operation in advisory situations to the various problems referred to the Child Guidance Clinic.

EVAN DAVIES, M.B., B.CH. (Wales), M.R.C.P., D.P.M. (Eng.),
Consultant Child Psychiatrist

Table H
New Referrals in 1971

	<i>Boys</i>	<i>Girls</i>	<i>Total</i>
General Practitioners	8	2	10
Hospital Consultants	1	0	1
School Medical Officers	5	0	5
Educational Psychologist	3	2	5
Headteachers	3	2	5
Speech Therapist	0	0	0
Social Workers	1	0	1
Probation Officers	2	1	3
Social Services Department	0	0	0
Parents	1	0	1
Transferred from other areas	0	0	0
	24	7	31

	<i>Males</i>	<i>Females</i>
Children placed in residential schools for psychiatric reasons	1	
Children placed in Children's Home for psychiatric reasons	1	1
Children examined by Dr. Clive Williams	14	8

Number of Clinics held

Aberystwyth	32
Cardigan	6
Lampeter	10
	—
	48
	—

Number of New Patients seen

Aberystwyth	14
Cardigan	6
Lampeter	11
	—
	31
	—

Total Attendances

Aberystwyth	165
Cardigan	23
Lampeter	60

REPORT OF Dr. CLIVE WILLIAMS, Educational Psychologist

The past year has been characterized by a decline in the number of referrals and by certain changes in the general pattern of referral. Fewer cases have involved delinquency and more have involved educational problems. Among the latter, the proportion of children with reading difficulties appears to be increasing. This does not necessarily support recent research findings in this field as in the case of clinic referrals maladjustment is usually a stronger causative factor than defective methodology. As a contributory factor, however, the latter cannot be entirely dismissed at this stage.

This year, twenty two cases have been referred for assessment of mental ability at the Child Guidance Clinics at Aberystwyth, Lampeter and Cardigan. Eight were girls and fourteen were boys ; adolescents made up almost one-third of the referrals. As in previous years, the full range of mental ability has been represented and no one intelligence classification predominates. The E.S.N. child is referred as frequently as the child of superior (or very superior) intelligence and taken together these categories make up half the referrals.

CLIVE WILLIAMS, B.SC. (Lond.), M.A. (Wales), M.A. (Dublin),
PH.D. (Dublin), *Educational Psychologist*

Part VI—DENTAL INSPECTION AND TREATMENT CARRIED OUT BY THE AUTHORITY

Number of Pupils on the Register of Maintained Primary and Secondary
Schools including Nursery and Special Schools on January 1, 1972 ... 9,641

Attendances & Treatment	Ages 5 to 9	Ages 10 to 14	Ages 15 and over	Total
First Visit	910	784	483	2,177
Subsequent visits	806	1,916	947	3,669
Total Visits	1,716	2,700	1,430	5,846
Additional courses of treatment commenced	34	31	27	92
Fillings in permanent teeth ...	503	2,186	1,528	4,217
Fillings in deciduous teeth ...	461	11	—	472
Permanent teeth filled ...	482	2,147	1,357	3,986
Deciduous teeth filled ...	458	11	—	469
Permanent teeth extracted ...	113	482	496	1,091
Deciduous teeth extracted ...	1,527	402	—	1,929
General anaesthetics ...	762	376	139	1,277
Emergencies	140	100	67	307

Number of Pupils X-rayed	197
Prophylaxis	436
Teeth otherwise conserved	166
Number of teeth root filled	3
Inlays	1
Crowns	16
Courses of treatment completed ...	1,169

Orthodontics :

New cases commenced during year ...	90
Cases completed during year ...	18
Cases discontinued during year ...	3
No. of removable appliances fitted ...	78
No. of fixed appliances fitted ...	1
Pupils referred to Hospital Consultant	96

Prosthetics

	Ages 5 to 9	Ages 10 to 14	Ages 15 and over	Total
Pupils supplied with F.U. or F.L. (first time)	—	—	—	—
Pupils supplied with other dentures (first time) ...	—	15	31	46
Number of dentures supplied ...	—	15	31	46

Anaesthetics—General Anaesthetics administered by Dental Officers47

Inspections :	(a) First inspection at school. Number of Pupils	...	5,596
	(b) First inspection at clinic. Number of Pupils	...	1,576
	Number of (a) + (b) found to require treatment	...	5,031
	Number of (a) + (b) offered treatment	...	4,123
	(c) Pupils re-inspected at school clinic	...	267
	Number of (c) found to require treatment	...	144
Sessions—	Sessions devoted to treatment	...	976
	Sessions devoted to inspection	...	47
	Sessions devoted to Dental Health Education	...	4

SCHOOL CLINICS, 1971

Clinic	Location		Number of sessions held	Total number of sessions held
	Local Authority Premises	Other Premises		
Child Guidance	Aberystwyth — Lampeter	Cardigan	64 6 20	90
Dental ...	Aberystwyth Aberaeron Dinas Cardigan Mobile Clinic Lampeter Llandysul Tregaron Highmead R.S.S.	— — — — — — — —	680 40 2 45 64 37 3 2	873 (This total does not include dental sessions held in classrooms of primary schools).
Ophthalmic ...	— —	Aberystwyth Carmarthen	24 45	69
Orthopaedic ...	Aberystwyth Cardigan Lampeter —	— — — Aberaeron Llandysul Tregaron	45 11 48 10 11 12	137
Speech Therapy	Aberystwyth Cardigan C.P. Cardigan Jnrs. Highmead Lampeter Ysgol Bronaeron	— — — — — —	49 30 30 56 19 26	210

REPORT OF WORK DONE BY THE ORTHOPAEDIC SISTER FOR THE YEAR 1971

AREA	No. of Clinics held during the year	Attendances			No. of cases of Remedial Exercises Manipulation and Massage
		New Cases	Others	Total	
Aberaeron ...	10	16	27	43	26
Aberystwyth	45	31	115	146	118
Cardigan ...	11	8	16	24	12
Lampeter ...	48	19	110	129	108
Llandysul ...	11	10	16	26	16
Tregaron ...	12	4	18	22	15
TOTALS ...	137	88	302	390	295

Attendances at Mr. MacFarlane's Clinic	...	41
Children seen	...	473
Attendances at Cardigan Hospital	...	10
Children seen	...	34
No. of Hospital visits for shoe fitting, etc.	...	43
Children seen	...	170
Attendance at Mr. B. Phillips, Neuro-Surgeons's Clinic	...	1
Children seen	...	2

<i>Schools Visited</i>	<i>No. of Children seen</i>	<i>Schools Visited</i>	<i>No. of Children seen</i>
Aberaeron C.P.	1	Eglwysfach C.P.	1
Aberporth C.P.	8	Ffynnon Bedr C.P.	2
Brongest C.P.	3	Highmead	92
Cardigan Sec.	2	Llanfair C.P.	1
Ciliau Parc C.P.	4	Mydroilyn C.P.	2
Dinas Sec.	2	Penparcau C.P.	2
		Trewen C.P.	1

In addition 271 domiciliary visits were carried out by the Orthopaedic Sister Ysgol Bronaeron twice weekly during term for exercises.



GWASG GOMER, LLANDYSUL